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FlexNet Operations 2025 R1 On Premises

SOAP Web Services Guide

Legal Information

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FlexNet Operations 2025 R1 On Premises SOAP Web Services Guide

FlexNet Operations supports the integration of software license delivery into the business operations of software producers. Much of its functionality is exposed as Web services to facilitate its integration with software producer back office systems.

FlexNet Operations Web services are accessed using a document-style SOAP mechanism from client applications that you write. SOAP is an XML-based protocol that supports information exchange using HTTP and has implementations in many programming languages. Because each Web service is a document-style SOAP service, its parameters are sent in a specific XML format. This format is defined in a service-specific XML Schema document and a WSDL file. A language-specific client implementation (for example, C, C++, Java, Visual Studio .NET, Perl) of each interface can be generated from its WSDL file.

A WSDL file defines the interface to each web service. The custom data types and XML Schema elements specific to each interface are defined in one or more companion XML Schema documents.

SOAP Web Services Batch Limits

The following batch-size maximum limits apply for requests issued from SOAP web services:

- All read services have a maximum batch size of 2000.
- All services that result in a write have a batch size maximum of 25 records.

Specifying a batch size higher than the new cap results in an error.

Web Service Versioning

FlexNet Operations Web Services use a separate versioning system from the overall FlexNet Operations product. To provide producers with greater flexibility when managing their own Web Service client code, new Web Service versions are created as new features are added to existing services. For more information about web service versioning, see the *FlexNet Operations Web Service Integration Guide*.

The following table shows the current version for each service:

Web Service	Current Version
Product Packaging Service	v3
Entitlement Order Service	v8
License Service	v2
FlexNet Authentication Service	v1
User Account Hierarchy Service	v6
Manage Device Service	v6
Download Packaging Service	v4
Usage Service	v1
ESD Service	base

Sources

Name	Description
ProductPackagingService	Web service to create, update, delete, count and query various product packaging definitions.
EntitlementOrderService	Web service to create, update, delete, count and query entitlements.
LicenseService	Web service to create, rehost, repair, return, query of license activations.
FlexnetAuthenticationService	Web service to manage Flexnet authentication.
UserAcctHierarchyService	Web service to create, update and query account hierarchies as well as to create, update or delete users and user roles in an account.
ManageDeviceService	Web service to manage devices.
DownloadPackagingService	The Download Packaging Web Service is an add-on to the FlexNet Operations entitlement management system.
UsageService	Web service to retrieve real-time, reconciled usage data for an account.
ESDService	Electronic Software Delivery Service (ESD Service) provides interfaces for accessing information related to the Software Delivery Module.
Appendix-A	Web Service Data Types with Choices
Appendix-B	License Model Attributes
Appendix-C	ClientSecurityCredentials Class Source
Appendix-D	Error Codes
Appendix-E	Supported Hostid Types

ProductPackagingService Web Service

Description

Web service to create, update, delete, count and query various product packaging definitions.

Introduction

Information about the products you develop and sell may be stored in an Enterprise Resource Planning (ERP) or Customer Relationship Management (CRM) system. The Product Web service facilitates the integration of your ERP or CRM system with FlexNet Operations. It can be used to import product definitions and to import part numbers that can be associated with products you create through the FlexNet Operations user interface or Product Packaging Service.

Methods: ProductPackagingService

Methods

Name	Description
assignProductCategoriesToAcct	The **assignProductCategoriesToAcct** operation assigns a product category to a publisher account.
assignProductCategoriesToUser	The **assignProductCategoriesToUser** operation assigns a product category to a user.
createFeature	The **createFeature** operation adds one or more features.
createFeatureBundle	The **createFeatureBundle** operation adds one or more feature bundles. To use the **createFeatureBundle** operation to create a feature bundle, there must be existing draft or deployed features in the FlexNet Operations database.
createMaintenance	The **createMaintenance** operation adds one or more maintenance products. To use the **createMaintenance** operation to create a maintenance product: • If part numbers are to be mapped to maintenance products, unassigned part numbers must already exist in the FlexNet Operations database. Part numbers can be imported through the Product Packaging Service or from an XML file through the FlexNet Operations UI.
createPartNumber	The **createPartNumber** operation adds one or more part numbers, either asynchronously or synchronously. By default, part number creation is asynchronous. To use the Product Packaging Service to load unassigned part numbers asynchronously, the **Importing Part Numbers** alert must be configured. See the *FlexNet Operations Online Help* for instructions. Before checking whether the part numbers were really added, wait until after the import has triggered. With synchronous processing, the Web services client will be blocked until the request is completely processed. Therefore, use synchronous processing to load only for small numbers of part numbers at a time. The **Importing Part Numbers** alert does not have to be configured to load unassigned part numbers synchronously.

Methods

Name	Description
createProduct	The **createProduct** operation adds one or more products. To use the createProduct operation to create a product: • There must be existing draft or deployed features and/or feature bundles in the FlexNet Operations database. • There must be at least one existing draft or deployed license technology in the FlexNet Operations database. • If specifying the FlexNet Licensing technology, there must be one or more existing license generator configurations in the FlexNet Operations database. • There must be existing license models in the FlexNet Operations database. • If a product is to be licensed with a trusted license model, there must be existing transaction keys in the FlexNet Operations database. • If part numbers are to be mapped to products, unassigned part numbers must already exist in the FlexNet Operations database. Part numbers can be imported through the Product Packaging Service or from an XML file through the FlexNet Operations user interface.
createProductCategory	The **createProductCategory** operation creates one or more product categories. To create a product category, provide a category name and, optionally, a description.
createProductRelationship	The **createProductRelationship** operation adds one or more relationships. To use the **createProductRelationship** operation to create a product relationship, there must be existing draft or deployed products that can be related to one another in the FlexNet Operations database.

Methods

Name	Description
createUniformSuite	The **createUniformSuite** operation adds one or more suites. To use the createUniformSuite operation to create a suite: • There must be existing draft or deployed products in the FlexNet Operations database. • There must be at least one existing draft or deployed license technology in the FlexNet Operations database. • If specifying the FlexNet Licensing technology, there must be one or more existing license generator configurations in the FlexNet Operations database. • There must be existing license models in the FlexNet Operations database. • If a suite is to be licensed with a trusted license model, there must be existing transaction keys in the FlexNet Operations database. • If part numbers are to be mapped to suites, unassigned part numbers must already exist in the FlexNet Operations database. Part numbers can be imported through the Product Packaging Service or from an XML file through the FlexNet Operations UI.
deleteFeature	The **deleteFeature** operation deletes one or more features.
deleteFeatureBundle	The **deleteFeatureBundle** operation deletes one or more feature bundles.
deleteMaintenance	The **deleteMaintenance** operation deletes one or more maintenance products.
deletePartNumber	The **deletePartNumber** operation deletes one or more part numbers.
deleteProduct	The **deleteProduct** operation deletes one or more products.
deleteProductRelationship	The **deleteProductRelationship** operation deletes one or more relationships.
deleteUniformSuite	The **deleteUniformSuite** operation deletes one or more suites.
getFeatureBundleCount	The **getFeatureBundleCount** operation returns the number of feature bundles that match specified criteria.
getFeatureBundlesQuery	The **getFeatureBundlesQuery** operation returns the feature bundles that match specified criteria.
getFeatureCount	The **getFeatureCount** operation returns the number of features that match specified criteria.
getFeaturesQuery	The **getFeaturesQuery** operation returns the features that match specified criteria.
getLicenseModelIdentifiers	The **getLicenseModelIdentifiers** operation returns the license models that match specified criteria. Attributes of the license models that need to be set (for example, type of hostids, counts) are returned; any attributes that are not needed are ignored if set. To use it, there should be existing license models in the FlexNet Operations database.
getLicenseTechnologiesQuery	The **getLicenseTechnologiesQuery** operation returns the license technologies that match specified criteria.

Methods

Name	Description
getMaintenanceCount	The **getMaintenanceCount** operation returns the number of maintenance products that match specified criteria.
getMaintenanceQuery	The **getMaintenanceQuery** operation returns the maintenance products that match specified criteria.
getPartNumberCount	The **getPartNumberCount** operation returns the number of part numbers that match specified criteria.
getPartNumbersQuery	The **getPartNumbersQuery** operation returns the part numbers that match specified criteria.
getProductCategories	The **getProductCategories** operation returns all product categories. If the product is associated with a product line, it will also return the relevant product line attributes.
getProductCount	The **getProductCount** operation returns the number of products that match specified criteria.
getProductRelationships	The **getProductRelationships** operation returns the relationships between a specified product and other products.
getProductsQuery	The **getProductsQuery** operation returns the products that match specified criteria.
getTransactionKeyIdentifiers	The **getTransactionKeyIdentifiers** operation returns the transaction keys that match specified criteria. To use it, there should be existing transaction keys in the FlexNet Operations database.
getUniformSuiteCount	The **getUniformSuiteCount** operation returns the number of suites that match specified criteria.
getUniformSuiteQuery	The **getUniformSuitesQuery** operation returns the suites that match specified criteria.
getUsersForProductCategory	The **getUsersForProductCategory** operation returns all users with the specified product category assigned.
removeProductCategoriesFromAcct	The **removeProductCategoriesFromAcct** operation deletes one or more product categories from a publisher account.
removeProductCategoriesFromUser	The **removeProductCategoriesFromUser** operation deletes one or more product categories from a user.
setFeatureBundleState	The **setFeatureBundleState** operation sets the state of one or more feature bundles.
setFeatureState	The **setFeatureState** operation sets the state of one or more features.
setMaintenanceState	The **setMaintenanceState** operation sets the state of one or more maintenance products.
setProductState	The **setProductState** operation sets the state of one or more products.
setUniformSuiteState	The **setUniformSuiteState** operation sets the state of one or more suites.
updateFeature	The **updateFeature** operation modifies one or more elements of one or more features.
updateFeatureBundle	The **updateFeatureBundle** operation modifies one or more elements of one or more features bundles.
updateMaintenance	The **updateMaintenance** operation modifies one or more elements of one or more maintenance products.

Methods

Name	Description
updateProduct	The **updateProduct** operation modifies one or more elements of one or more products.
updateProductRelationship	The **updateProductRelationship** operation modifies one or more elements of one or more relationships.
updateUniformSuite	The **updateUniformSuite** operation modifies one or more elements of one or more suites.

Method: assignProductCategoriesToAcct

Description

The **assignProductCategoriesToAcct** operation assigns a product category to a publisher account.

Parameters

Name	Type	Direction	Description
msgparameters	handleProductCategoryToAcctRequestType	Input	

Returns

A assignProductCategoriesToAcctResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All categories in the request were processed. • PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the categories in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>

Method: assignProductCategoriesToUser

Description

The **assignProductCategoriesToUser** operation assigns a product category to a user.

Parameters

Name	Type	Direction	Description
msgparameters	handleProductCategoriesToUserRequestType	Input	

Returns

A assignProductCategoriesToUserResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All categories in the request were processed. • PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the categories in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>

Method: createFeature

Description

The **createFeature** operation adds one or more features.

Parameters

Name	Type	Direction	Description
msgparameters	createFeatureRequestType	Input	

Returns

A createFeatureResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the requestwere processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFeatureDataListType</td><td>Information about the features that were not added is listed in the failedData element. See failedFeatureDataListType.</td></tr>
<tr><td>responseData</td><td>createdFeatureDataListType</td><td>Information about the features that were added is listed in the responseData element. See createdFeatureDataListType.</td></tr>
</table>

Method: createFeatureBundle

Description

The **createFeatureBundle** operation adds one or more feature bundles. To use the **createFeatureBundle** operation to create a feature bundle, there must be existing draft or deployed features in the FlexNet Operations database.

Parameters

Name	Type	Direction	Description
msgparameters	createFeatureBundleRequestType	Input	

Returns

A createFeatureBundleResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFeatureBundleDataListType</td><td>Information about the feature bundles that were not added is listed in the failedData element. See failedFeatureBundleDataListType.</td></tr>
<tr><td>responseData</td><td>createdFeatureBundleDataListType</td><td>Information about the feature bundles that were added is listed in the responseData element. See createdFeatureBundleDataListType.</td></tr>
</table>

Method: createMaintenance

Description

The **createMaintenance** operation adds one or more maintenance products. To use the **createMaintenance** operation to create a maintenance product:

- If part numbers are to be mapped to maintenance products, unassigned part numbers must already exist in the FlexNet Operations database. Part numbers can be imported through the Product Packaging Service or from an XML file through the FlexNet Operations UI.

Parameters

Name	Type	Direction	Description
msgparameters	createMaintenanceRequestType	Input	

Returns

A createMaintenanceResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Status Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All maintenance products in the request were processed. • PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The **getCount** and **getQuery** operations never retur PARTIAL_FAILURE. • FAILURE—None of the maintenance products in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Returns

Name	Type	Description
failedData	failedMaintenanceDataListType	Information about the maintenance products that were not added is listed in the **failedData** element. See failedMaintenanceDataListType.
responseData	createdMaintenanceDataListType	Information about the maintenance products that were added is listed in the **responseData** element. See createdMaintenanceDataListType.

Method: createPartNumber

Description

The **createPartNumber** operation adds one or more part numbers, either asynchronously or synchronously. By default, part number creation is asynchronous.

To use the Product Packaging Service to load unassigned part numbers asynchronously, the **Importing Part Numbers** alert must be configured. See the *FlexNet Operations Online Help* for instructions. Before checking whether the part numbers were really added, wait until after the import has triggered.

With synchronous processing, the Web services client will be blocked until the request is completely processed. Therefore, use synchronous processing to load only for small numbers of part numbers at a time. The **Importing Part Numbers** alert does not have to be configured to load unassigned part numbers synchronously.

Parameters

Name	Type	Direction	Description
msgparameters	createPartNumberRequestType	Input	

Returns

A createPartNumberResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Returns

Name	Type	Description
failedData	failedPartNumberDataListType	Information about the part numbers that were not added is listed in the **failedData** element. See failedPartNumberDataListType. Not populated for asynchronous requests.
responseData	createdPartNumberDataListType	Information about the part numbers that were added is listed in the **responseData** element. See createdPartNumberDataListType. Not populated for asynchronous requests.

Method: createProduct

Description

The **createProduct** operation adds one or more products. To use the createProduct operation to create a product:

- There must be existing draft or deployed features and/or feature bundles in the FlexNet Operations database.
- There must be at least one existing draft or deployed license technology in the FlexNet Operations database.
- If specifying the FlexNet Licensing technology, there must be one or more existing license generator configurations in the FlexNet Operations database.
- There must be existing license models in the FlexNet Operations database.
- If a product is to be licensed with a trusted license model, there must be existing transaction keys in the FlexNet Operations database.
- If part numbers are to be mapped to products, unassigned part numbers must already exist in the FlexNet Operations database. Part numbers can be imported through the Product Packaging Service or from an XML file through the FlexNet Operations user interface.

Parameters

Name	Type	Direction	Description
msgparameters	createProductRequestType	Input	

Returns

A createProductResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedProductDataListType</td><td>Information about the products that were not added is listed in the failedData element. See failedProductDataListType.</td></tr>
<tr><td>responseData</td><td>createdProductDataListType</td><td>Information about the products that were added is listed in the responseData element. See createdProductDataListType.</td></tr>
</table>

Method: createProductCategory

Description

The **createProductCategory** operation creates one or more product categories. To create a product category, provide a category name and, optionally, a description.

Parameters

Name	Type	Direction	Description
msgparameters	createProductCategoryRequestType	Input	

Returns

A createProductCategoryResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All categories in the request were processed. • PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the categories in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedProductCategoryDataListType	Information about the categories that were not added is listed in the **failedData** element. See failedProductCategoryDataListType
responseData	createdProductCategoryDataListType	Information about the categories that were added is listed in the **responseData** element. See createdProductCategoryDataListType.

Method: createProductRelationship

Description

The **createProductRelationship** operation adds one or more relationships. To use the **createProductRelationship** operation to create a product relationship, there must be existing draft or deployed products that can be related to one another in the FlexNet Operations database.

Parameters

Name	Type	Direction	Description
msgparameters	createProductRelationshipRequestType	Input	

Returns

A createProductRelationshipResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusInfo</td><td>Returns one of the following: • SUCCESS—All relationships in the request were processed. • PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the relationships in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedProductRelationshipDataListType	Information about the relationships that were not added is listed in the **failedData** element. See failedProductRelationshipDataListType.

Method: createUniformSuite

Description

The **createUniformSuite** operation adds one or more suites. To use the createUniformSuite operation to create a suite:

- There must be existing draft or deployed products in the FlexNet Operations database.
- There must be at least one existing draft or deployed license technology in the FlexNet Operations database.
- If specifying the FlexNet Licensing technology, there must be one or more existing license generator configurations in the FlexNet Operations database.
- There must be existing license models in the FlexNet Operations database.
- If a suite is to be licensed with a trusted license model, there must be existing transaction keys in the FlexNet Operations database.
- If part numbers are to be mapped to suites, unassigned part numbers must already exist in the FlexNet Operations database. Part numbers can be imported through the Product Packaging Service or from an XML file through the FlexNet Operations UI.

Parameters

Name	Type	Direction	Description
msgparameters	createUniformSuiteRequestType	Input	

Returns

A createUniformSuiteResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUniformSuiteDataListType</td><td>Information about the suites that were not added is listed in the failedData element. See failedUniformSuiteDataListType.</td></tr>
<tr><td>responseData</td><td>createdUniformSuiteDataListType</td><td>Information about the suites that were added is listed in the responseData element. See createdUniformSuiteDataListType.</td></tr>
</table>

Method: deleteFeature

Description

The **deleteFeature** operation deletes one or more features.

Parameters

Name	Type	Direction	Description
msgparameters	deleteFeatureRequestType	Input	

Returns

A deleteFeatureResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteFeatureDataListType</td><td>Information about the features that were not deleted is listed in the failedData element. See failedDeleteFeatureDataListType.</td></tr>
</table>

Method: deleteFeatureBundle

Description

The **deleteFeatureBundle** operation deletes one or more feature bundles.

Parameters

Name	Type	Direction	Description
msgparameters	deleteFeatureBundleRequestType	Input	

Returns

A deleteFeatureBundleResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>response</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteFeatureBundleDataListType</td><td>Information about the feature bundles that were not deleted is listed in the failedData element. See failedDeleteFeatureBundleDataListType.</td></tr>
</table>

Method: deleteMaintenance

Description

The **deleteMaintenance** operation deletes one or more maintenance products.

Parameters

Name	Type	Direction	Description
msgparameters	deleteMaintenanceRequestType	Input	

Returns

A deleteMaintenanceResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteMaintenanceDataListType</td><td>Information about the maintenance products that were not deleted is listed in the failedData element. See failedDeleteMaintenanceDataListType.</td></tr>
</table>

Method: deletePartNumber

Description

The **deletePartNumber** operation deletes one or more part numbers.

Parameters

Name	Type	Direction	Description
msgparameters	deletePartNumberRequestType	Input	

Returns

A deletePartNumberResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Returns

Name	Type	Description
failedData	failedDeletePartNumberDataListType	Information about the part numbers that were not deleted is listed in the **failedData** element. See failedDeletePartNumberDataListType.

Method: deleteProduct

Description

The **deleteProduct** operation deletes one or more products.

Parameters

Name	Type	Direction	Description
msgparameters	deleteProductRequestType	Input	

Returns

A deleteProductResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were rocessed.
PARTIAL_FAILURE—Some, but not all products n the request were processed. The getCount and getQuery operations never return ARTIAL_FAILURE.
FAILURE—None of the products in the request ere processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteProductDataListType</td><td>Information about the products that were not deleted is listed in the failedData element. See failedDeleteProductDataListType.</td></tr>
</table>

Method: deleteProductRelationship

Description

The **deleteProductRelationship** operation deletes one or more relationships.

Parameters

Name	Type	Direction	Description
msgparameters	deleteProductRelationshipRequestType	Input	

Returns

A deleteProductRelationshipResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All relationships in the request were processed. • PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the relationships in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedProductRelationshipDataListType	Information about the relationships that were not deleted is listed in the **failedData** element. See failedProductRelationshipDataListType

Method: deleteUniformSuite

Description

The **deleteUniformSuite** operation deletes one or more suites.

Parameters

Name	Type	Direction	Description
msgparameters	deleteUniformSuiteRequestType	Input	

Returns

A deleteUniformSuiteResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteUniformSuiteDataListType</td><td>Information about the suites that were not deleted is listed in the failedData element. See failedDeleteUniformSuiteDataListType.</td></tr>
</table>

Method: getFeatureBundleCount

Description

The **getFeatureBundleCount** operation returns the number of feature bundles that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getFeatureBundleCountRequestType	Input	

Returns

A getFeatureBundleCountResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All feature bundles in the request were processed. • PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the feature bundles in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getCountResponseDataType	Contains an integer count element.

Method: getFeatureBundlesQuery

Description

The **getFeatureBundlesQuery** operation returns the feature bundles that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getFeatureBundlesQueryRequestType	Input	

Returns

A getFeatureBundlesQueryResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFeatureBundlesQueryResponseDataType</td><td>See getFeatureBundlesQueryResponseDataType.</td></tr>
</table>

Method: getFeatureCount

Description

The **getFeatureCount** operation returns the number of features that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getFeatureCountRequestType	Input	

Returns

A getFeatureCountResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Descripton</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>Contains an integer count element.</td></tr>
</table>

Method: getFeaturesQuery

Description

The **getFeaturesQuery** operation returns the features that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getFeaturesQueryRequestType	Input	

Returns

A getFeaturesQueryResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFeaturesQueryResponseDataType</td><td>See getFeaturesQueryResponseDataType.</td></tr>
</table>

Method: getLicenseModelIdentifiers

Description

The **getLicenseModelIdentifiers** operation returns the license models that match specified criteria. Attributes of the license models that need to be set (for example, type of hostids, counts) are returned; any attributes that are not needed are ignored if set. To use it, there should be existing license models in the FlexNet Operations database.

Parameters

Name	Type	Direction	Description
msgparameters	getModelIdentifiersRequestType	Input	

Returns

A getModelIdentifiersResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entities in the request were processed.
FAILURE—None of the entities in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>modelIdentifiersDataListType</td><td>See modelIdentifiersDataListType.</td></tr>
</table>

Method: getLicenseTechnologiesQuery

Description

The **getLicenseTechnologiesQuery** operation returns the license technologies that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getLicenseTechnologyQueryRequestType	Input	

Returns

A getLicenseTechnologyQueryResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All accounts in the request were processed. • PARTIAL_FAILURE—Some, but not all accounts in the request were processed. • FAILURE—None of the accounts in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	licenseTechnologyDataListType	Information about the license technologies that matched the query is listed in the **responseData** element. See licenseTechnologyDataListType.

Method: getMaintenanceCount

Description

The **getMaintenanceCount** operation returns the number of maintenance products that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getMaintenanceCountRequestType	Input	

Returns

A getMaintenanceCountResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>Contains an integer count element.</td></tr>
</table>

Method: getMaintenanceQuery

Description

The **getMaintenanceQuery** operation returns the maintenance products that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getMaintenanceQueryRequestType	Input	

Returns

A getMaintenanceQueryResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getMaintenanceQueryResponseDataType</td><td>See getMaintenanceQueryResponseDataType.</td></tr>
</table>

Method: getPartNumberCount

Description

The **getPartNumberCount** operation returns the number of part numbers that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getPartNumberCountRequestType	Input	

Returns

A getPartNumberCountResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Returns

Name	Type	Description
responseData	partNumberCountDataType	Contains an integer **count** element. See partNumberCountDataType.

Method: getPartNumbersQuery

Description

The **getPartNumbersQuery** operation returns the part numbers that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getPartNumbersQueryRequestType	Input	

Returns

A getPartNumbersQueryResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Returns

Name	Type	Description
responseData	partNumberDataListType	See partNumberDataListType.

Method: getProductCategories

Description

The **getProductCategories** operation returns all product categories. If the product is associated with a product line, it will also return the relevant product line attributes.

Parameters

Name	Type	Direction	Description
msgparameters	getProductCategoriesRequestType	Input	

Returns

A getProductCategoriesResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All categories in the request were processed.
PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the categories in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getProductCategoriesResponseDataType</td><td>A getProductCategoriesResponse contains an array of responseData elements. See getProductCategoriesResponseDataType.</td></tr>
</table>

Method: getProductCount

Description

The **getProductCount** operation returns the number of products that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getProductCountRequestType	Input	

Returns

A getProductCountResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>Contains an integer count element. See getCountResponseDataType.</td></tr>
</table>

Method: getProductRelationships

Description

The **getProductRelationships** operation returns the relationships between a specified product and other products.

Parameters

Name	Type	Direction	Description
msgparameters	getProductRelationshipsRequestType	Input	

Returns

A getProductRelationshipsResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All relationships in the request were processed.
PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the relationships in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>relationship</td><td>productRelationshipDataType</td><td>A getProductRelationshipsResponse contains an array of relationship elements. See productRelationshipDataType.</td></tr>
</table>

Method: getProductsQuery

Description

The **getProductsQuery** operation returns the products that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getProductsQueryRequestType	Input	

Returns

A getProductsQueryResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getProductsQueryResponseDataType</td><td>See getProductsQueryResponseDataType.</td></tr>
</table>

Method: getTransactionKeyIdentifiers

Description

The **getTransactionKeyIdentifiers** operation returns the transaction keys that match specified criteria. To use it, there should be existing transaction keys in the FlexNet Operations database.

Parameters

Name	Type	Direction	Description
msgparameters	getTransactionKeyIdentifiersRequestType	Input	

Returns

A getTransactionKeyIdentifiersResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entities in the request were processed. • FAILURE—None of the entities in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	transactionKeyIdentifiersDataListType	See transactionKeysIdentifiersDataListType.

Method: getUniformSuiteCount

Description

The **getUniformSuiteCount** operation returns the number of suites that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getUniformSuiteCountRequestType	Input	

Returns

A getUniformSuiteCountResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All suites in the request were processed. • PARTIAL_FAILURE—Some, but not all suites in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the suites in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getCountResponseDataType	Contains an integer **count** element.

Method: getUniformSuiteQuery

Description

The **getUniformSuitesQuery** operation returns the suites that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getUniformSuitesQueryRequestType	Input	

Returns

A getUniformSuitesQueryResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All suites in the request were processed. • PARTIAL_FAILURE—Some, but not all suites in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the suites in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getUniformSuitesQueryResponseDataType	See getUniformSuitesQueryResponseDataType.

Method: getUsersForProductCategory

Description

The **getUsersForProductCategory** operation returns all users with the specified product category assigned.

Parameters

Name	Type	Direction	Description
msgparameters	getUsersForProductCategoryRequestType	Input	

Returns

A getUsersForProductCategoryResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All categories in the request were processed.
PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the categories in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>userData</td><td>getUsersForProductCategoryResponseDataType</td><td>A geUsersForProductCategoryResponseDataType contains an array of userData elements. See geUsersForProductCategoryResponseDataType.</td></tr>
</table>

Method: removeProductCategoriesFromAcct

Description

The **removeProductCategoriesFromAcct** operation deletes one or more product categories from a publisher account.

Parameters

Name	Type	Direction	Description
msgparameters	handleProductCategoryToAcctRequestType	Input	

Returns

A removeProductCategoriesFromAcctResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All categories in the request were processed. • PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the categories in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>

Method: removeProductCategoriesFromUser

Description

The **removeProductCategoriesFromUser** operation deletes one or more product categories from a user.

Parameters

Name	Type	Direction	Description
msgparameters	handleProductCategoriesToUserRequestType	Input	

Returns

A removeProductCategoriesFromUserResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All categories in the request were processed. • PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the categories in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>

Method: setFeatureBundleState

Description

The **setFeatureBundleState** operation sets the state of one or more feature bundles.

Parameters

Name	Type	Direction	Description
msgparameters	setFeatureBundleStateRequestType	Input	

Returns

A setFeatureBundleStateResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All feature bundles in the request were processed. • PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the feature bundles in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedFeatureBundleStateDataListType	Information about the feature bundles whose state was not set is listed in the **failedData** element. See failedFeatureBundleStateDataListType.

Method: setFeatureState

Description

The **setFeatureState** operation sets the state of one or more features.

Parameters

Name	Type	Direction	Description
msgparameters	setFeatureStateRequestType	Input	

Returns

A setFeatureStateResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFeatureStateDataListType</td><td>Information about the features whose state was not set is listed in the failedData element. See failedFeatureStateDataListType.</td></tr>
</table>

Method: setMaintenanceState

Description

The **setMaintenanceState** operation sets the state of one or more maintenance products.

Parameters

Name	Type	Direction	Description
msgparameters	setMaintenanceStateRequestType	Input	

Returns

A setMaintenanceStateResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedMaintenanceStateDataListType</td><td>Information about the maintenance products whose state was not set is listed in the failedData element. See failedMaintenanceStateDataListType.</td></tr>
</table>

Method: setProductState

Description

The **setProductState** operation sets the state of one or more products.

Parameters

Name	Type	Direction	Description
msgparameters	setProductStateRequestType	Input	

Returns

A setProductStateResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedProductStateDataListType</td><td>Information about the products whose state was not set is listed in the failedData element. See failedProductStateDataListType.</td></tr>
</table>

Method: setUniformSuiteState

Description

The **setUniformSuiteState** operation sets the state of one or more suites.

Parameters

Name	Type	Direction	Description
msgparameters	setUniformSuiteStateRequestType	Input	

Returns

A setUniformSuiteStateResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All suites in the request were processed. • PARTIAL_FAILURE—Some, but not all suites in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the suites in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedUniformSuiteStateDataListType	Information about the suites whose state was not set is listed in the **failedData** element. See failedUniformSuiteStateDataListType.

Method: updateFeature

Description

The **updateFeature** operation modifies one or more elements of one or more features.

Parameters

Name	Type	Direction	Description
msgparameters	updateFeatureRequestType	Input	

Returns

A updateFeatureResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateFeatureDataListType</td><td>Contains one or more failedFeature elements. See failedUpdateFeatureDataListType.</td></tr>
</table>

Method: updateFeatureBundle

Description

The **updateFeatureBundle** operation modifies one or more elements of one or more features bundles.

Parameters

Name	Type	Direction	Description
msgparameters	updateFeatureBundleRequestType	Input	

Returns

A updateFeatureBundleResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateFeatureBundleDataListType</td><td>Information about the feature bundles that were not modified is listed in the failedData element. See failedUpdateFeatureBundleDataListType.</td></tr>
</table>

Method: updateMaintenance

Description

The **updateMaintenance** operation modifies one or more elements of one or more maintenance products.

Parameters

Name	Type	Direction	Description
msgparameters	updateMaintenanceRequestType	Input	

Returns

A updateMaintenanceResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateMaintenanceDataListType</td><td>Information about the maintenance products that were not modified is listed in the failedData element. See failedUpdateMaintenanceDataListType.</td></tr>
</table>

Method: updateProduct

Description

The **updateProduct** operation modifies one or more elements of one or more products.

Parameters

Name	Type	Direction	Description
msgparameters	updateProductRequestType	Input	

Returns

A updateProductResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateProductDataListType</td><td>Information about the products that were not modified is listed in the failedData element. See failedUpdateProductDataListType.</td></tr>
</table>

Method: updateProductRelationship

Description

The **updateProductRelationship** operation modifies one or more elements of one or more relationships.

Parameters

Name	Type	Direction	Description
msgparameters	updateProductRelationshipRequestType	Input	

Returns

A updateProductRelationshipResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All relationships in the request were processed. • PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the relationships in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedUpdateProductRelationshipDataListType	Information about the relationships that were not modified is listed in the **failedData** element. See failedUpdateProductRelationshipDataListType.

Method: updateUniformSuite

Description

The **updateUniformSuite** operation modifies one or more elements of one or more suites.

Parameters

Name	Type	Direction	Description
msgparameters	updateUniformSuiteRequestType	Input	

Returns

A updateUniformSuiteResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All suites in the request were processed. • PARTIAL_FAILURE—Some, but not all suites in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the suites in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedUpdateUniformSuiteDataListType	Information about the suites that were not modified is listed in the **failedData** element. See failedUpdateUniformSuiteDataListType.

Complex Types: ProductPackagingService

Complex Types

Name
accountIdentifierType
accountPKType
addressDataType
attributeDescriptorDataType
attributeDescriptorType
attributeMetaDescriptorDataType
attributeMetaDescriptorType
categoryAttributeDataType
categoryAttributesDataType
correlationDataType
createdAcctDataType
createdFeatureBundleDataListType
createdFeatureDataListType
createdFeatureDataType
createdMaintenaceDataType
createdMaintenanceDataListType
createdPartNumberDataListType
createdPartNumberDataType
createdProductCategoryDataListType
createdProductCategoryDataType
createdProductDataListType
createdProductDataType
createdUniformSuiteDataListType
createdUniformSuiteDataType
createFeatureBundleDataType
createFeatureBundleRequestType
createFeatureBundleResponseType
createFeatureRequestType
createFeatureResponseType
createMaintenanceDataType
createMaintenanceRequestType
createMaintenanceResponseType
createPartNumberDataType
createPartNumberRequestType

Complex Types

Name
createPartNumberResponseType
createProductCategoryDataType
createProductCategoryRequestType
createProductCategoryResponseType
createProductDataType
createProductRelationshipRequestType
createProductRelationshipResponseType
createProductRequestType
createProductResponseType
createUniformSuiteDataType
createUniformSuiteRequestType
createUniformSuiteResponseType
customAttributeDescriptorDataType
customAttributeDescriptorType
customAttributeQueryType
customAttributesQueryListType
DateQueryType
DateTimeQueryType
deleteFeatureBundleDataType
deleteFeatureBundleRequestType
deleteFeatureBundleResponseType
deleteFeatureDataType
deleteFeatureRequestType
deleteFeatureResponseType
deleteMaintenanceDataType
deleteMaintenanceRequestType
deleteMaintenanceResponseType
deletePartNumberDataType
deletePartNumberRequestType
deletePartNumberResponseType
deleteProductDataType
deleteProductRelationshipRequestType
deleteProductRelationshipResponseType
deleteProductRequestType
deleteProductResponseType

Complex Types

Name
deleteUniformSuiteDataType
deleteUniformSuiteRequestType
deleteUniformSuiteResponseType
domainUserIdentifierType
domainUserPKType
dupGroupDataType
DurationType
emailContactListType
entitledProductDataListType
entitledProductDataType
entitlementIdentifierType
entitlementLineItemIdentifierType
entitlementLineItemPKType
entitlementPKType
failedDeleteFeatureBundleDataListType
failedDeleteFeatureBundleDataType
failedDeleteFeatureDataListType
failedDeleteFeatureDataType
failedDeleteMaintenanceDataListType
failedDeleteMaintenanceDataType
failedDeletePartNumberDataListType
failedDeletePartNumberDataType
failedDeleteProductDataListType
failedDeleteProductDataType
failedDeleteUniformSuiteDataListType
failedDeleteUniformSuiteDataType
failedFeatureBundleDataListType
failedFeatureBundleDataType
failedFeatureBundleStateDataListType
failedFeatureBundleStateDataType
failedFeatureDataListType
failedFeatureDataType
failedFeatureStateDataListType
failedFeatureStateDataType
failedMaintenanceDataListType

Complex Types

Name
failedMaintenanceDataType
failedMaintenanceStateDataListType
failedMaintenanceStateDataType
failedPartNumberDataListType
failedPartNumberDataType
failedProductCategoryDataListType
failedProductCategoryDataType
failedProductDataListType
failedProductDataType
failedProductRelationshipDataListType
failedProductRelationshipDataType
failedProductStateDataListType
failedProductStateDataType
failedUniformSuiteDataListType
failedUniformSuiteDataType
failedUniformSuiteStateDataListType
failedUniformSuiteStateDataType
failedUpdateFeatureBundleDataListType
failedUpdateFeatureBundleDataType
failedUpdateFeatureDataListType
failedUpdateFeatureDataType
failedUpdateMaintenanceDataListType
failedUpdateMaintenanceDataType
failedUpdateProductDataListType
failedUpdateProductDataType
failedUpdateProductRelationshipDataListType
failedUpdateProductRelationshipDataType
failedUpdateUniformSuiteDataListType
failedUpdateUniformSuiteDataType
featureBundleIdentifierType
featureBundleIdentifierWithCountDataType
featureBundlePKType
featureBundleQueryDataType
featureBundleQueryParametersType
featureBundlesListType

Complex Types

Name
featureBundleStateDataType
featureDataType
featureIdentifierType
featureIdentifierWithCountDataType
featureOverrideParamsType
featurePKType
featureQueryDataType
featureQueryParametersType
featuresListType
featureStateDataType
forceDeleteUserIdentifierType
fulfillmentIdentifierType
fulfillmentPKType
getCountResponseDataType
getFeatureBundleCountRequestType
getFeatureBundleCountResponseType
getFeatureBundlesQueryRequestType
getFeatureBundlesQueryResponseDataType
getFeatureBundlesQueryResponseType
getFeatureCountRequestType
getFeatureCountResponseType
getFeaturesQueryRequestType
getFeaturesQueryResponseDataType
getFeaturesQueryResponseType
getLicenseTechnologyQueryRequestType
getLicenseTechnologyQueryResponseType
getMaintenanceCountRequestType
getMaintenanceCountResponseType
getMaintenanceQueryRequestType
getMaintenanceQueryResponseDataType
getMaintenanceQueryResponseType
getModelIdentifiersRequestType
getModelIdentifiersResponseType
getPartNumberCountRequestType
getPartNumberCountResponseType

Complex Types

Name
getPartNumbersQueryRequestType
getPartNumbersQueryResponseType
getProductCategoriesRequestType
getProductCategoriesResponseDataType
getProductCategoriesResponseType
getProductCountRequestType
getProductCountResponseType
getProductRelationshipsRequestType
getProductRelationshipsResponseType
getProductsQueryRequestType
getProductsQueryResponseDataType
getProductsQueryResponseType
getTransactionKeyIdentifiersRequestType
getTransactionKeyIdentifiersResponseType
getUniformSuiteCountRequestType
getUniformSuiteCountResponseType
getUniformSuitesQueryRequestType
getUniformSuitesQueryResponseDataType
getUniformSuitesQueryResponseType
getUsersForProductCategoryRequestType
getUsersForProductCategoryResponseDataType
getUsersForProductCategoryResponseType
groupMaskDataType
handleProductCategoriesToUserRequestType
handleProductCategoriesToUserResponseType
handleProductCategoryToAcctRequestType
handleProductCategoryToAcctResponseType
hostTypeListType
hostTypePKType
identifierQueryParametersType
licenseGeneratorIdentifierType
licenseGeneratorPKType
licenseGeneratorsDetailsType
licenseModelDetailsType
licenseModelIdentifierType

Complex Types

Name
licenseModelPKType
licenseModelsListType
licenseTechnologyDataListType
licenseTechnologyDetailsType
licenseTechnologyIdentifierType
licenseTechnologyPKType
licenseTechnologyQueryParametersType
maintenanceIdentifierType
maintenancePKType
maintenanceQueryDataType
maintenanceQueryParametersType
maintenanceStateDataType
modelAttributesType
modelIdentifiersDataListType
NumberQueryType
packagePropertiesDataType
partNumberCountDataType
partNumberDataListType
partNumberDataType
partNumberIdentifierType
partNumberIdentifierWithModelType
partNumberPKType
partNumberQueryParametersType
partNumbersListType
partNumbersSimpleListType
prodCustomAttributeQueryType
prodCustomAttributesQueryListType
productCategoryDataType
productCategoryParametersType
productIdentifierType
productIdentifierWithCountDataType
productPKType
productQueryDataType
productQueryParametersType
productRelationshipDataType

Complex Types

Name
productsListType
productStateDataType
roleIdentifierType
rolePKType
setFeatureBundleStateRequestType
setFeatureBundleStateResponseType
setFeatureStateRequestType
setFeatureStateResponseType
setMaintenanceStateRequestType
setMaintenanceStateResponseType
setProductStateRequestType
setProductStateResponseType
setUniformSuiteStateRequestType
setUniformSuiteStateResponseType
SimpleQueryType
StateQueryType
StatusInfoType
suiteCustomAttributeQueryType
suiteCustomAttributesQueryListType
suiteIdentifierType
suitePKType
suiteQueryParametersType
transactionKeyIdentifiersDataListType
trustedKeyIdentifierType
trustedKeyPKType
uniformSuiteQueryDataType
uniformSuiteStateDataType
updateEntitledProductDataListType
updateFeatureBundleDataType
updateFeatureBundleRequestType
updateFeatureBundleResponseType
updateFeatureBundlesListType
updateFeatureDataType
updateFeatureRequestType
updateFeatureResponseType

Complex Types

Name
updateFeaturesListType
updateHostTypeListType
updateLicenseModelsListType
updateMaintenanceDataType
updateMaintenanceRequestType
updateMaintenanceResponseType
updatePartNumbersListType
updatePartNumbersSimpleListType
updateProductDataType
updateProductRelationshipDataType
updateProductRelationshipRequestType
updateProductRelationshipResponseType
updateProductRequestType
updateProductResponseType
updateProductsListType
updateUniformSuiteDataType
updateUniformSuiteRequestType
updateUniformSuiteResponseType
userIdentifierType
userPKType
valueType
versionDateAttributesType
VersionFormatQueryType

Complex Type: accountIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database ID of the account.
primaryKeys	accountPKType	0..1	Name. See accountPKType.

Complex Type: accountPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	

Complex Type: addressDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
address1	string	0..1	First line of address.
address2	string	0..1	Second line of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Country, in two-letter ISO-3166 code. If not provided, defaults to US.
region	string	0..1	Address region.

Complex Type: attributeDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	Contains a required string **attributeName** and one of the attributeDescripterType values.

Complex Type: attributeDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the attribute.
CHOICE		1..1	
arrayValue	string	0..*	Array of string values of the attribute.
booleanValue	boolean	0..1	Boolean value of the attribute.
dateValue	date	0..1	Date value of the attribute.
integerValue	integer	0..1	Integer value of the attribute.
stringValue	string	0..1	String value of the attribute.

Complex Type: attributeMetaDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeMetaDescriptorType	0..*	Contains one or more **attribute** elements.

Complex Type: attributeMetaDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the license model attribute.
attributeDataType	AttributeDataType	1..1	Returns one of the following: • TEXT • BOOLEAN • NUMBER • DATE • MULTI_VALUED_TEXT • LONGTEXT
namespace	string	1..1	Refers to the license technology on which the attribute is created.
validValues	valueType	0..1	**validValues** contains an array of **value** strings that represent valid values for a MULTI_VALUED_TEXT license model attribute.

Complex Type: categoryAttributeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the license model attribute.
isRequired	boolean	1..1	TRUE or FALSE
dataType	AttributeDataType	1..1	Returns one of the following: • TEXT • BOOLEAN • NUMBER • DATE • MULTI_VALUED_TEXT • LONGTEXT
maxLength	string	0..1	Maximum length of the data type.
validValues	valueType	0..1	**validValues** contains an array of **value** strings that represent valid values for a MULTI_VALUED_TEXT license model attribute.

Complex Type: categoryAttributesDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
categoryAttribute	categoryAttributeDataType	1..*	See categoryAttributeDataType.

Complex Type: correlationDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the feature bundle in the request, starting at 1.
uniqueId	string	1..1	Unique database identifier of the feature bundle.

Complex Type: createdAcctDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the account in the request, starting at 1.
uniqueId	string	1..1	Unique database identifier of the account.

Complex Type: createdFeatureBundleDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
createdFeatureBundle	correlationDataType	0..*	**responseData** (see createFeatureBundleResponseType) contains one or more **createdFeatureBundle** elements. See correlationDataType.

Complex Type: createdFeatureDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
createdFeature	createdFeatureDataType	0..*	**responseData** (see createFeatureResponseType) contains one or more **createdFeature** elements. See createdFeatureDataType.

Complex Type: createdFeatureDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the feature in the request, starting at 1.
uniqueId	string	1..1	Unique database identifier of the feature.

Complex Type: createdMaintenaceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the maintenance product in the request, starting at 1 (string).
uniqueId	string	1..1	Unique database identifier of the maintenance product (string).

Complex Type: createdMaintenanceDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
createdMaintenance	createdMaintenaceDataType	0..*	**responseData** contains one or more **createdMaintenance** elements. See createdMaintenanceDataType.

Complex Type: createdPartNumberDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
createdPartNumber	createdPartNumberDataType	0..*	**responseData** contains one or more **createdPartNumber** elements. See createdPartNumberDataType.

Complex Type: createdPartNumberDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the part number in the request, starting at 1.
uniqueId	string	1..1	Unique database identifier of the part number.

Complex Type: createdProductCategoryDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
createdProductCatgory	createdProductCategoryDataType	0..*	**responseData** contains one or more **createdProductCategory** elements. See createdProductCategoryDataType.

Complex Type: createdProductCategoryDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the product category in the request, starting at 1.
uniqueId	string	1..1	Unique database identifier for the product category.

Complex Type: createdProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
createdProduct	createdProductDataType	0..*	**responseData** contains one or more **createdProduct** elements. See createdProductDataType.

Complex Type: createdProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the product in the request, starting at 1.
uniqueId	string	1..1	Unique database identifier of the product.

Complex Type: createdUniformSuiteDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
createdUniformSuite	createdUniformSuiteDataType	0..*	**responseData** contains one or more **createdUniformSuite** elements. See createdUniformSuiteDataType.

Complex Type: createdUniformSuiteDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the suite in the request, starting at 1.
uniqueId	string	1..1	Unique database identifier of the suite.

Complex Type: createFeatureBundleDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Required. Name of a feature bundle.
description	string	0..1	Optional. Describe what makes this feature bundle unique.
features	featuresListType	1..1	Required. See featuresListType.

Complex Type: createFeatureBundleRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	createFeatureBundleDataType	1..*	Required. A **createFeatureBundleRequest** contains an array of **featureBundle** elements to be added. See createFeatureBundleDataType.

Referenced By

Name	Type
createFeatureBundleRequest	Element
createFeatureBundle	Method

Complex Type: createFeatureBundleResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFeatureBundleDataListType</td><td>0..1</td><td>Information about the feature bundles that were not added is listed in the failedData element. See failedFeatureBundleDataListType.</td></tr>
<tr><td>responseData</td><td>createdFeatureBundleDataListType</td><td>0..1</td><td>Information about the feature bundles that were added is listed in the responseData element. See createdFeatureBundleDataListType.</td></tr>
</table>

Referenced By

Name	Type
createFeatureBundleResponse	Element

Complex Type: createFeatureRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	featureDataType	1..*	Required. A **createFeatureRequest** contains an array of **feature** elements to be added. See featureDataType.

Referenced By

Name	Type
createFeatureRequest	Element
createFeature	Method

Complex Type: createFeatureResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the requestwere processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFeatureDataListType</td><td>0..1</td><td>Information about the features that were not added is listed in the failedData element. See failedFeatureDataListType.</td></tr>
<tr><td>responseData</td><td>createdFeatureDataListType</td><td>0..1</td><td>Information about the features that were added is listed in the responseData element. See createdFeatureDataListType.</td></tr>
</table>

Referenced By

Name	Type
createFeatureResponse	Element

Complex Type: createMaintenanceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceName	string	1..1	Required. Name of maintenance product.
version	string	0..1	Required at deployment. Version of maintenance product.
description	string	0..1	Optional. Describe what makes this maintenance product unique.
allowUpgrades	boolean	0..1	Are upgrades allowed for this maintenance?
allowUpsells	boolean	0..1	Are upsells allowed for this maintenance?
allowRenewals	boolean	0..1	Are renewals allowed for this maintenance?
partNumbers	partNumbersSimpleListType	0..1	Optional. Specify if one or more part numbers are mapped to the product. See partNumbersSimpleListType.

Complex Type: createMaintenanceRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	createMaintenanceDataType	1..*	Required. A **createMaintenanceRequest** contains an array of **maintenance** elements to be added. See createMaintenanceDataType.

Referenced By

Name	Type
createMaintenanceRequest	Element
createMaintenance	Method

Complex Type: createMaintenanceResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Status Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never retur PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedMaintenanceDataListType</td><td>0..1</td><td>Information about the maintenance products that were not added is listed in the failedData element. See failedMaintenanceDataListType.</td></tr>
<tr><td>responseData</td><td>createdMaintenanceDataListType</td><td>0..1</td><td>Information about the maintenance products that were added is listed in the responseData element. See createdMaintenanceDataListType.</td></tr>
</table>

Referenced By

Name	Type
createMaintenanceResponse	Element

Complex Type: createPartNumberDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partId	string	1..1	Required. Value of a part number.
description	string	0..1	Optional. Describe what makes this part number unique.

Complex Type: createPartNumberRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	createPartNumberDataType	1..*	Required. A **createPartNumberRequest** contains an array of **partNumber** elements to be added. See createPartNumberDataType.
processSync	boolean	0..1	Optional. Set to true to create part numbers synchronously, that is, the Web services client will be blocked until the request is completely processed. Use synchronous processing only for creating small numbers of part numbers at a time. By default, part number creation is asynchronous.

Referenced By

Name	Type
createPartNumberRequest	Element
createPartNumber	Method

Complex Type: createPartNumberResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedPartNumberDataListType</td><td>0..1</td><td>Information about the part numbers that were not added is listed in the failedData element. See failedPartNumberDataListType. Not populated for asynchronous requests.</td></tr>
<tr><td>responseData</td><td>createdPartNumberDataListType</td><td>0..1</td><td>Information about the part numbers that were added is listed in the responseData element. See createdPartNumberDataListType. Not populated for asynchronous requests.</td></tr>
</table>

Referenced By

Name	Type
createPartNumberResponse	Element

Complex Type: createProductCategoryDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Required. A name for the product category.
description	string	0..1	Optional. A description for the product category.

Complex Type: createProductCategoryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productCategory	createProductCategoryDataType	1..*	Required. A **createProductCategoryRequest** contains an array of **productCategory** elements to be added. See createProductCategoryDataType.

Referenced By

Name	Type
createProductCategoryRequest	Element
createProductCategory	Method

Complex Type: createProductCategoryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All categories in the request were processed.
PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the categories in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedProductCategoryDataListType</td><td>0..1</td><td>Information about the categories that were not added is listed in the failedData element. See failedProductCategoryDataListType</td></tr>
<tr><td>responseData</td><td>createdProductCategoryDataListType</td><td>0..1</td><td>Information about the categories that were added is listed in the responseData element. See createdProductCategoryDataListType.</td></tr>
</table>

Referenced By

Name	Type
createProductCategoryResponse	Element

Complex Type: createProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productName	string	1..1	Required. Name of product.
version	string	0..1	Required at deployment. Version of product.
description	string	0..1	Optional. Describe what makes this product unique.
licenseTechnology	licenseTechnologyIdentifierType	0..1	Optional. If not specified, set to FlexNet Licensing. See licenseTechnologyIdentifierType.
licenseGenerator	licenseGeneratorIdentifierType	0..1	Optional. If only one license generator configuration exists for the specified license technology, that license generator configuration is set automatically. If multiple license generator configurations exist for the specified license technology, the license generator configuration must be set. See licenseGeneratorIdentifierType.
packageProperties	packagePropertiesDataType	0..1	Optional, to be used if licenses are to be delivered using a PACKAGE line. See packagePropertiesDataType.
features	featuresListType	0..1	Required for deployment. Draft or deployed features or feature bundles must be added before deploying the product. See featuresListType.
featureBundles	featureBundlesListType	0..1	Required for deployment. Draft or deployed features or feature bundles must be added before deploying the product. See featureBundlesListType.
licenseModels	licenseModelsListType	0..1	Required for deployment. Deployed license models must be linked before deploying the product. See licenseModelsListType.
trustedKey	trustedKeyIdentifierType	0..1	Optional. If one or more of the license models are trusted, the use of either trustedKey or virtualTrustedKey (or both) is required. Use trustedKey for default binding. Use virtualTrustedKey for virtualization-aware binding. See trustedKeyIdentifierType.
virtualTrustedKey	trustedKeyIdentifierType	0..1	Optional. If one or more of the license models are trusted, the use of either trustedKey or virtualTrustedKey (or both) is required. Use trustedKey for default binding. Use virtualTrustedKey for virtualization-aware binding. See trustedKeyIdentifierType.
partNumbers	partNumbersListType	0..1	Optional. Specify if one or more part numbers are mapped to the product. See partNumbersListType.

Content Model

Component	Type	Occurs	Description
hostType	hostTypePKType	0..1	If no hostType is set for a FlexNet product, the default certificate or trusted host host type is used. Required if a host type is defined on a custom license technology. See hostTypePKType.
hostTypes	hostTypeListType	0..1	A collection of one or more hostTypePKType elements. Use hostTypes to assign multiple hosts.
usedOnDevice	boolean	0..1	Used to signify a FlexNet license technology product that can be used on a device licensed using FNE. If set to true, a hostType appropriate to a device must be explicitly set. usedOnDevice can be changed after a product is deployed. If it is changed from false to true, a hostType must be set
productCategory	string	0..1	Optional. Sets the product category for this product. If you do not set a category or if you set an empty or nonexistent category, FlexNet Operations automatically assigns the product to the default Uncategorized Products category without an error.
customAttributes	attributeDescriptorDataType	0..1	A collection of license model or custom attributes. See attributeDescriptorDataType.
allowDownloadObsoleteFrInAdmin	boolean	0..1	If true, allows administrative console users to download obsolete fulfillment records.
allowDownloadObsoleteFrInPortal	boolean	0..1	If true, allows self-service portal users to download obsolete fulfilment records.
productAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
startDate	date	0..1	Only used for automatic upgrade jobs, the **startDate** value defines the beginning of a date range for which this product qualifies as an upgrade-to product, based on the upgrade relationships as defined when the upgrade job runs. The date range defined by **startDate** and **endDate** has no impact on manually generated upgrades nor on bulk operations. **startDate** is only available for products; it is not available for maintenance products nor for product suites. Note: This attribute is available in ProductPackagingService v1 and later.

Content Model

Component	Type	Occurs	Description
endDate	date	0..1	Only used for automatic upgrade jobs, the **endDate** value defines the ending of a date range for which this product qualifies as an upgrade-to product, based on the upgrade relationships as defined when the upgrade job runs. The date range defined by **startDate** and **endDate** has no impact on manually generated upgrades nor on bulk operations. **endDate** is only available for products; it is not available for maintenance products nor for product suites. Note: This attribute is available in ProductPackagingService v1 and later.
upgradeEmailTemplateVarName	string	0..1	Only used for automatic upgrade jobs, the **upgradeEmailTemplateVarName** specifies the variation of the Product Upgrade Job Email template to use when FlexNet Operations automatically creates upgrade lines as a result of running the Product Version Upgrade job. (This value sets the template variation used for email messages sent to end users as a result of the Product Version Upgrade job.) • The **upgradeEmailTemplateVarName** value can be empty, **DEFAULT**, **None**, or the name of an active variation of the Product Upgrade Job Email template. • Empty (no value specified) and **DEFAULT** cause FlexNet Operations to use the default variation of the Product Upgrade Job Email template for automatic upgrades to this product. • **None** prevents FlexNet Operations from sending email messages for automatic upgrades to this product. • A specified variation name uses the named variation of the Product Upgrade Job Email template for automatic upgrades to this product. (Only active variations of the Product Upgrade Job Email template are available for use. Draft variations are not used.) **Note:** This attribute is available in ProductPackagingService v1 and later.

Complex Type: createProductRelationshipRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
relationship	productRelationshipDataType	1..*	Required. A createProductRelationshipRequest contains an array of relationship elements to be added. See productRelationshipDataType.

Referenced By

Name	Type
createProductRelationshipRequest	Element
createProductRelationship	Method

Complex Type: createProductRelationshipResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusInfo</td><td>Returns one of the following: • SUCCESS—All relationships in the request were processed. • PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the relationships in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedProductRelationshipDataListType	0..1	Information about the relationships that were not added is listed in the **failedData** element. See failedProductRelationshipDataListType.

Referenced By

Name	Type
createProductRelationshipResponse	Element

Complex Type: createProductRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	createProductDataType	1..*	Required. A createProductRequest contains an array of product elements to be added. See createProductDataType.

Referenced By

Name	Type
createProductRequest	Element
createProduct	Method

Complex Type: createProductResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedProductDataListType</td><td>0..1</td><td>Information about the products that were not added is listed in the failedData element. See failedProductDataListType.</td></tr>
<tr><td>responseData</td><td>createdProductDataListType</td><td>0..1</td><td>Information about the products that were added is listed in the responseData element. See createdProductDataListType.</td></tr>
</table>

Referenced By

Name	Type
createProductResponse	Element

Complex Type: createUniformSuiteDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
suiteName	string	1..1	Required. Name of suite.
version	string	0..1	Required at deployment. Version of suite.
description	string	0..1	Optional. Describe what makes this suite unique.
licenseTechnology	licenseTechnologyIdentifierType	0..1	Optional. If not specified, set to FlexNet Licensing. See licenseTechnologyIdentifierType.
licenseGenerator	licenseGeneratorIdentifierType	0..1	Optional. If only one license generator configuration exists for the specified license technology, that license generator configuration is set automatically. If multiple license generator configurations exist for the specified license technology, the license generator configuration must be set. See licenseGeneratorIdentifierType.
packageProperties	packagePropertiesDataType	0..1	Optional, if licenses are to be delivered using a PACKAGE line. See packagePropertiesDataType.
products	productsListType	0..1	Required for deployment. Draft or deployed products must be added before deploying the suite. See productsListType.
licenseModels	licenseModelsListType	0..1	Required for deployment. Deployed license models must be linked before deploying the suite. See licenseModelsListType.
trustedKey	trustedKeyIdentifierType	0..1	Optional. If one or more of the license models are trusted, the use of either trustedKey or virtualTrustedKey (or both) is required. Use trustedKey for default binding. Use virtualTrustedKey for virtualization-aware binding. See trustedKeyIdentifierType.
virtualTrustedKey	trustedKeyIdentifierType	0..1	Optional. If one or more of the license models are trusted, the use of either trustedKey or virtualTrustedKey (or both) is required. Use trustedKey for default binding. Use virtualTrustedKey for virtualization-aware binding. See trustedKeyIdentifierType.
partNumbers	partNumbersListType	0..1	Optional. Specify if one or more part numbers are mapped to the suite. See partNumbersListType.
hostType	hostTypePKType	0..1	If no hostType is set for a FlexNet suite, the default certificate or trusted host host type is used. Required if a host type is defined on a custom license technology. See hostTypePKType.

Content Model

Component	Type	Occurs	Description
hostTypes	hostTypeListType	0..1	A collection of one or more hostTypePKType elements. Use hostTypes to assign multiple hosts.
usedOnDevice	boolean	0..1	Used to signify a FlexNet license technology suite that can be used on a device licensed using FNE. If set to true, a hostType appropriate to a device must be explicitly set. usedOnDevice can be changed after a suite is deployed. If it is changed from false to true, a hostType must be set.
customAttributes	attributeDescriptorDataType	0..1	A collection of license model or custom attributes. See attributeDescriptorDataType.
allowDownloadObsoleteFrInAdmin	boolean	0..1	If true, allows administrative console users to download obsolete fulfillment records.
allowDownloadObsoleteFrInPortal	boolean	0..1	If true, allows self-service portal users to download obsolete fulfillment records.
productAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: createUniformSuiteRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniformSuite	createUniformSuiteDataType	1..*	Required. A **createUniformSuiteRequest** contains an array of **uniformSuite** elements to be added. See createUniformSuiteDataType.

Referenced By

Name	Type
createUniformSuiteRequest	Element
createUniformSuite	Method

Complex Type: createUniformSuiteResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUniformSuiteDataListType</td><td>0..1</td><td>Information about the suites that were not added is listed in the failedData element. See failedUniformSuiteDataListType.</td></tr>
<tr><td>responseData</td><td>createdUniformSuiteDataListType</td><td>0..1</td><td>Information about the suites that were added is listed in the responseData element. See createdUniformSuiteDataListType.</td></tr>
</table>

Referenced By

Name	Type
createUniformSuiteResponse	Element

Complex Type: customAttributeDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	customAttributeDescriptorType	0..*	See customAttributeDescriptorType.

Complex Type: customAttributeDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the custom attribute.

Complex Type: customAttributeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	The name of the custom attribute.
CHOICE		1..1	
booleanValue	boolean	0..1	Optional. Depending on the attribute type, set either stringValue or numberValue or booleanValue. Set to true or false if the custom attribute is of type boolean.
dateValue	DateQueryType	0..1	Optional. A dateValue element contains: • value—a date value to compare to the version date value. • searchType--which is one of the following datedSearchType values: • BEFORE • AFTER • ON.

Content Model

Component	Type	Occurs	Description

numberValue	NumberQueryType	0..1	Optional. Depending on the attribute type, set either stringValue or numberValue or booleanValue.
			A numberValue element contains:
			• value—an integer number to match part or all of the custom attribute value.
			• searchType—which is one of the following simpleSearchType values:
			  • GREATER_THAN
			  • GREATER_THAN_EQUALS
			  • LESS_THAN
			  • LESS_THAN_EQUALS
			  • EQUALS
			  • NOT_EQUALS

stringValue	SimpleQueryType	0..1	Optional. Depending on the attribute type, set either stringValue or numberValue or booleanValue.
			A stringValue element contains:
			• value—a string to match part or all of the custom attribute value.
			• searchType—which is one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Complex Type: customAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	customAttributeQueryType	0..*	See customAttributeQueryType.

Complex Type: DateQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	date	1..1	A date value to compare to another date value.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Complex Type: DateTimeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	dateTime	1..1	A date and time value to compare to another date and time value.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Complex Type: deleteFeatureBundleDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundleIdentifier	featureBundleIdentifierType	1..1	Required. See featureBundleIdentifierType.

Complex Type: deleteFeatureBundleRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	deleteFeatureBundleDataType	1..*	Required. A **deleteFeatureBundleRequest** contains an array of **featureBundle** elements to be deleted. See deleteFeatureBundleDataType.

Referenced By

Name	Type
deleteFeatureBundleRequest	Element
deleteFeatureBundle	Method

Complex Type: deleteFeatureBundleResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>response</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteFeatureBundleDataListType</td><td>0..1</td><td>Information about the feature bundles that were not deleted is listed in the failedData element. See failedDeleteFeatureBundleDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteFeatureBundleResponse	Element

Complex Type: deleteFeatureDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureIdentifier	featureIdentifierType	1..1	Required. See featureIdentifierType.

Complex Type: deleteFeatureRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	deleteFeatureDataType	1..*	Required. A **deleteFeatureRequest** contains an array of feature elements to be deleted. See deleteFeatureDataType.

Referenced By

Name	Type
deleteFeatureRequest	Element
deleteFeature	Method

Complex Type: deleteFeatureResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteFeatureDataListType</td><td>0..1</td><td>Information about the features that were not deleted is listed in the failedData element. See failedDeleteFeatureDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteFeatureResponse	Element

Complex Type: deleteMaintenanceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceIdentifier	maintenanceIdentifierType	1..1	Required. See maintenanceIdentifierType.

Complex Type: deleteMaintenanceRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	deleteMaintenanceDataType	1..*	Required. A **deleteMaintenanceRequest** contains an array of maintenance elements to be deleted. See deleteMaintenanceDataType.

Referenced By

Name	Type
deleteMaintenanceRequest	Element
deleteMaintenance	Method

Complex Type: deleteMaintenanceResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteMaintenanceDataListType</td><td>0..1</td><td>Information about the maintenance products that were not deleted is listed in the failedData element. See failedDeleteMaintenanceDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteMaintenanceResponse	Element

Complex Type: deletePartNumberDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumberIdentifier	partNumberIdentifierType	1..1	Required. See partNumberIdentifierType.

Complex Type: deletePartNumberRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	deletePartNumberDataType	1..*	Required. A **deletePartNumberRequest** contains an array of **partNumber** elements to be deleted. See deletePartNumberDataType.

Referenced By

Name	Type
deletePartNumberRequest	Element
deletePartNumber	Method

Complex Type: deletePartNumberResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeletePartNumberDataListType</td><td>0..1</td><td>Information about the part numbers that were not deleted is listed in the failedData element. See failedDeletePartNumberDataListType.</td></tr>
</table>

Referenced By

Name	Type
deletePartNumberResponse	Element

Complex Type: deleteProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	Required. See productIdentifierType.

Complex Type: deleteProductRelationshipRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
relationship	productRelationshipDataType	1..*	Required. A **deleteProductRelationshipRequest** contains an array of **relationship** elements to be deleted. See productRelationshipDataType.

Referenced By

Name	Type
deleteProductRelationshipRequest	Element
deleteProductRelationship	Method

Complex Type: deleteProductRelationshipResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All relationships in the request were processed.
PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the relationships in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedProductRelationshipDataListType</td><td>0..1</td><td>Information about the relationships that were not deleted is listed in the failedData element. See failedProductRelationshipDataListType</td></tr>
</table>

Referenced By

Name	Type
deleteProductRelationshipResponse	Element

Complex Type: deleteProductRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	deleteProductDataType	1..*	Required. A **deleteProductRequest** contains an array of product elements to be deleted. See deleteProductDataType.

Referenced By

Name	Type
deleteProductRequest	Element
deleteProduct	Method

Complex Type: deleteProductResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—All products in the request were rocessed.
• PARTIAL_FAILURE—Some, but not all products n the request were processed. The getCount and getQuery operations never return ARTIAL_FAILURE .
• FAILURE—None of the products in the request ere processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteProductDataListType</td><td>0..1</td><td>Information about the products that were not deleted is listed in the failedData element. See failedDeleteProductDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteProductResponse	Element

Complex Type: deleteUniformSuiteDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
suiteIdentifier	suiteIdentifierType	1..1	Required. See suiteIdentifierType.

Complex Type: deleteUniformSuiteRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniformSuite	deleteUniformSuiteDataType	1..*	Required. A **deleteUniformSuiteRequest** contains an array of **uniformSuite** elements to be deleted. See deleteUniformSuiteDataType.

Referenced By

Name	Type
deleteUniformSuiteRequest	Element
deleteUniformSuite	Method

Complex Type: deleteUniformSuiteResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteUniformSuiteDataListType</td><td>0..1</td><td>Information about the suites that were not deleted is listed in the failedData element. See failedDeleteUniformSuiteDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteUniformSuiteResponse	Element

Complex Type: domainUserIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
primaryKeys	domainUserPKType	0..1	

Complex Type: domainUserPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userName	string	1..1	
domainName	string	1..1	

Complex Type: dupGroupDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
dupGroupOption	DupGroupType	1..1	Specify if **dupGroup** element is specified. Specify one of the following: • NO_OVERRIDE • GROUPMASK • NONE
groupMask	groupMaskDataType	0..1	Specify if **dupGroupOption** is set to GROUPMASK. A **groupMask** element contains an array of groupMaskDataType elements.

Complex Type: DurationType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 durationUnit.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Complex Type: emailContactListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
emailId	string	0..*	List of email addresses to which to send license certificate.

Complex Type: entitledProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitledProduct	entitledProductDataType	0..*	See entitledProductDataType.

Complex Type: entitledProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productIdentifierType	0..1	See productIdentifierType.
quantity	integer	1..1	Quantity per copy of the line item. This is a multiplier to the number of copies. If one copy of the line item is fulfilled, this many copies of the entitled product will be fulfilled.

Complex Type: entitlementIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the entitlement.
primaryKeys	entitlementPKType	0..1	Database primary key of the entitlement—string containing the entitlementId of the entitlement.

Complex Type: entitlementLineItemIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the entitlement line item.
primaryKeys	entitlementLineItemPKType	0..1	Database primary key of the entitlement line item—string containing the **activationId** of the entitlement line item.

Complex Type: entitlementLineItemPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	The **activationId** of the entitlement line item.

Complex Type: entitlementPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	string	1..1	The **entitlementId** of the entitlement.

Complex Type: failedDeleteFeatureBundleDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFeatureBundle	failedDeleteFeatureBundleDataType	0..*	**failedData** (see deleteFeatureBundleResponseType) contains one or more **failedFeatureBundle** elements. See failedDeleteFeatureBundleDataType.

Complex Type: failedDeleteFeatureBundleDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundleIdentifier	featureBundleIdentifierType	1..1	See featureBundleIdentifierType.
reason	string	0..1	The reason the feature bundle was not deleted.

Complex Type: failedDeleteFeatureDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFeature	failedDeleteFeatureDataType	0..*	**failedData** contains one or more failedFeature elements. See failedDeleteFeatureDataType.

Complex Type: failedDeleteFeatureDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureIdentifier	featureIdentifierType	1..1	See featureIdentifierType.
reason	string	0..1	The reason the feature was not deleted.

Complex Type: failedDeleteMaintenanceDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedMaintenance	failedDeleteMaintenanceDataType	0..*	**failedData** contains one or more **failedMaintenance** elements. See failedDeleteMaintenanceDataType.

Complex Type: failedDeleteMaintenanceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceIdentifier	maintenanceIdentifierType	1..1	See maintenanceIdentifierType.
reason	string	0..1	The reason the maintenance product was not deleted.

Complex Type: failedDeletePartNumberDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedPartNumber	failedDeletePartNumberDataType	0..*	**failedData** contains one or more **failedPartNumber** elements. See failedDeletePartNumberDataType.

Complex Type: failedDeletePartNumberDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	partNumberIdentifierType	1..1	See partNumberIdentifierType.
reason	string	1..1	The reason the part number was not deleted.

Complex Type: failedDeleteProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedProduct	failedDeleteProductDataType	0..*	**failedData** contains one or more **failedProduct** elements. See failedDeleteProductDataType.

Complex Type: failedDeleteProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	See productIdentifierType.
reason	string	0..1	The reason the product was not deleted.

Complex Type: failedDeleteUniformSuiteDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUniformSuite	failedDeleteUniformSuiteDataType	0..*	**failedData** contains one or more **failedUniformSuite** elements. See failedDeleteUniformSuiteDataType.

Complex Type: failedDeleteUniformSuiteDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
suiteIdentifier	suiteIdentifierType	1..1	See suiteIdentifierType.
reason	string	0..1	The reason the suite was not deleted.

Complex Type: failedFeatureBundleDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFeatureBundle	failedFeatureBundleDataType	0..*	**failedData** contains one or more **failedFeatureBundle** elements. See failedFeatureBundleDataType.

Complex Type: failedFeatureBundleDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	createFeatureBundleDataType	1..1	See createFeatureBundleDataType.
reason	string	1..1	String containing the reason the feature bundle was not added.

Complex Type: failedFeatureBundleStateDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFeatureBundle	failedFeatureBundleStateDataType	0..*	A **failedData** element contains an array of **failedFeatureBundle** elements whose state was not set. See failedFeatureBundleStateDataType.

Complex Type: failedFeatureBundleStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	featureBundleStateDataType	1..1	See featureBundleStateDataType.
reason	string	1..1	Reason the state of the feature bundle was not set.

Complex Type: failedFeatureDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFeature	failedFeatureDataType	0..*	**failedData** contains one or more failedFeature elements. See failedFeatureDataType.

Complex Type: failedFeatureDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	featureDataType	0..1	See featureDataType.
reason	string	0..1	String containing the reason the feature was not added.

Complex Type: failedFeatureStateDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFeature	failedFeatureStateDataType	0..*	A **failedData** element contains an array of **failedFeature** elements whose state was not set. See failedFeatureStateDataType.

Complex Type: failedFeatureStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	featureStateDataType	1..1	See featureStateDataType.
reason	string	1..1	Reason the state was not set.

Complex Type: failedMaintenanceDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedMaintenance	failedMaintenanceDataType	0..*	**failedData** contains one or more **failedMaintenance** elements. See failedMaintenanceDataType.

Complex Type: failedMaintenanceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	createMaintenanceDataType	0..1	See createMaintenanceDataType.
reason	string	0..1	String containing the reason the maintenance product was not added.

Complex Type: failedMaintenanceStateDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedMaintenance	failedMaintenanceStateDataType	0..*	A **failedData** element contains an array of **failedMaintenance** elements whose state was not set. See failedMaintenanceStateDataType.

Complex Type: failedMaintenanceStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	maintenanceStateDataType	1..1	See maintenanceStateDataType.
reason	string	1..1	Reason the state of the maintenance product was not set.

Complex Type: failedPartNumberDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedPartNumber	failedPartNumberDataType	0..*	**failedData** contains one or more **failedPartNumber** elements. See failedPartNumberDataType.

Complex Type: failedPartNumberDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	createPartNumberDataType	0..1	See createPartNumberDataType.
reason	string	0..1	String containing the reason the part number was not added.

Complex Type: failedProductCategoryDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedProductCategory	failedProductCategoryDataType	0..*	**failedData** contains one or more **failedProductCategory** elements. See failedProductCategoryDataType.

Complex Type: failedProductCategoryDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productCategory	createProductCategoryDataType	0..1	See createProductCategoryDataType.
reason	string	0..1	String containing the reason the category was not added.

Complex Type: failedProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedProduct	failedProductDataType	0..*	**failedData** contains one or more **failedProduct** elements. See failedProductDataType.

Complex Type: failedProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	createProductDataType	0..1	See createProductDataType.
reason	string	0..1	String containing the reason the product was not added.

Complex Type: failedProductRelationshipDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedRelationship	failedProductRelationshipDataType	0..*	**failedData** contains one or more **failedRelationship** elements. See failedProductRelationshipDataType.

Complex Type: failedProductRelationshipDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
relationship	productRelationshipDataType	0..1	See productRelationshipDataType.
reason	string	0..1	The reason the relationship was not added.

Complex Type: failedProductStateDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedProduct	failedProductStateDataType	0..*	A **failedData** element contains an array of **failedProduct** elements whose state was not set. See failedProductStateDataType.

Complex Type: failedProductStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productStateDataType	1..1	See productStateDataType.
reason	string	1..1	Reason the state of the product was not set.

Complex Type: failedUniformSuiteDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUniformSuite	failedUniformSuiteDataType	0..*	**failedData** contains one or more **failedUniformSuite** elements. See failedUniformSuiteDataType.

Complex Type: failedUniformSuiteDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniformSuite	createUniformSuiteDataType	0..1	See createUniformSuiteDataType.
reason	string	0..1	String containing the reason the suite was not added.

Complex Type: failedUniformSuiteStateDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUniformSuite	failedUniformSuiteStateDataType	0..*	**failedData** contains an array of **failedUniformSuite** elements whose state was not set. See failedUniformSuiteStateDataType.

Complex Type: failedUniformSuiteStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
suite	uniformSuiteStateDataType	1..1	See uniformSuiteStateDataType.
reason	string	1..1	String containing the reason the suite was not added.

Complex Type: failedUpdateFeatureBundleDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFeatureBundle	failedUpdateFeatureBundleDataType	0..*	**failedData** contains one or more **failedFeatureBundle** elements. See failedUpdateFeatureBundleDataType.

Complex Type: failedUpdateFeatureBundleDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	updateFeatureBundleDataType	1..1	See updateFeatureBundleDataType.
reason	string	0..1	The reason the feature bundle was not modified.

Complex Type: failedUpdateFeatureDataListType

Description

Contains one or more **failedFeature** elements.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFeature	failedUpdateFeatureDataType	0..*	**failedData** contains one or more **failedFeature** elements. See failedUpdateFeatureDataType.

Complex Type: failedUpdateFeatureDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureIdentifier	featureIdentifierType	1..1	See featureIdentifierType.
reason	string	0..1	String containing the reason the feature was not added.

Complex Type: failedUpdateMaintenanceDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedMaintenance	failedUpdateMaintenanceDataType	0..*	**failedData** contains one or more **failedMaintenance** elements. See failedUpdateMaintenanceDataType.

Complex Type: failedUpdateMaintenanceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	updateMaintenanceDataType	1..1	See updateMaintenanceDataType.
reason	string	0..1	The reason the maintenance product was not modified.

Complex Type: failedUpdateProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedProduct	failedUpdateProductDataType	0..*	**failedData** contains one or more **failedProduct** elements. See failedUpdateProductDataType.

Complex Type: failedUpdateProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	updateProductDataType	1..1	See updateProductDataType.
reason	string	0..1	The reason the product was not modified.

Complex Type: failedUpdateProductRelationshipDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedRelationship	failedUpdateProductRelationshipDataType	0..*	**failedData** contains one or more **failedRelationship** elements. See failedUpdateProductRelationshipDataType.

Complex Type: failedUpdateProductRelationshipDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
relationship	updateProductRelationshipDataType	1..1	See updateProductRelationshipDataType.
reason	string	1..1	The reason the relationship was not modified.

Complex Type: failedUpdateUniformSuiteDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUniformSuite	failedUpdateUniformSuiteDataType	0..*	**failedData** contains one or more **failedUniformSuite** elements. See failedUpdateUniformSuiteDataType.

Complex Type: failedUpdateUniformSuiteDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniformSuite	updateUniformSuiteDataType	1..1	See updateUniformSuiteDataType.
reason	string	0..1	The reason the suite was not modified.

Complex Type: featureBundleIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the feature bundle, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the feature bundle.
primaryKeys	featureBundlePKType	0..1	Database primary key of the feature bundle—a string containing the **name** of the feature bundle.

Complex Type: featureBundleIdentifierWithCountDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundleIdentifier	featureBundleIdentifierType	1..1	Required. See featureBundleIdentifierType.
count	positiveInteger	1..1	Required. Positive integer that indicates the cardinality of the feature bundle in the product.

Complex Type: featureBundlePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the feature.

Complex Type: featureBundleQueryDataType

Description

All elements in the feature bundles are returned, unless otherwise noted.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	1..1	Unique database identifier of the feature.
name	string	1..1	Name of the feature.
description	string	0..1	Description of the feature.
state	StateType	1..1	DRAFT or DEPLOYED.
features	featuresListType	0..1	The features in the feature bundle are returned if **returnContainedObjects** in the request is set to true. See featuresListType.

Complex Type: featureBundleQueryParametersType

Description

Specify the elements needed to construct your query.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

name	SimpleQueryType	0..1	Optional. A name **element** contains:
			• **value**—a string to match part or all of the feature bundle name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

description	SimpleQueryType	0..1	Optional. A **description** element contains:
			• **value**—a string to match part or all of the description.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

state	StateQueryType	0..1	Optional. A **state** element contains:
			• **value**—a StateType value of DRAFT or DEPLOYED to match part or all of the state value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

creationDate	DateQueryType	0..1	Optional. A **creationDate** element contains:
			• **value**—a date value to compare to the creation date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

lastModifiedDate	DateQueryType	0..1	Optional. A **lastModifiedDate** element contains:
			• **value**—a date value to compare to the last modified date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Complex Type: featureBundlesListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	featureBundleIdentifierWithCountDataType	1..*	**featureBundles** contains an array of one or more **featureBundle** elements. See featureBundleIdentifierWithCountDataType.

Complex Type: featureBundleStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundleIdentifier	featureBundleIdentifierType	1..1	Required. See featureBundleIdentifierType.
stateToSet	StateType	1..1	Required. DRAFT or DEPLOYED.

Complex Type: featureDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureName	string	1..1	Required. Name of a feature that can contain up to 30 ASCII characters, numbers, underscores, and hyphens.
versionFormat	VersionFormatType	1..1	Required. Specify FIXED or DATE_BASED.
version	string	0..1	The version contains numbers and up to one decimal point. A feature with a FIXED version format needs a version to save and deploy the feature. For a DATE_BASED version format, this value is ignored.
description	string	0..1	Optional. Describe what makes this feature unique.
aggregationType	AggregationType	0..1	
featureOverrideParams	featureOverrideParamsType	0..1	Optional. If you have a FLEXnet_Ops.FeatureOverride license and the Web service user is assigned the Set Feature Override permission, one or more of these parameters can be set on an individual feature to override settings on a license model. See featureOverrideParamsType. Even if no feature overrides are explicitly set, the dupGroupOption, NO_OVERRIDE, is set automatically.

Complex Type: featureIdentifierType

Description

In the request, specify either **uniqueId** or **primaryKeys** to uniquely specify the feature, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the feature.
primaryKeys	featurePKType	0..1	Database primary keys of the feature—strings containing **name** and, if the feature version format is FIXED, the **version** of the feature. If the feature **version** format is DATE_BASED, specify only name.

Complex Type: featureIdentifierWithCountDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureIdentifier	featureIdentifierType	1..1	Required. See featureIdentifierType.
count	positiveInteger	1..1	Required. Positive integer that indicates the cardinality of the feature in the feature bundle or product.

Complex Type: featureOverrideParamsType

Description

Describes the elements in featureOverrideParamsType. Your FlexNet Operations license must contain a FLEXnet_Ops.FeatureOverride feature and the Web service user must have the **Set Feature Override** permission to use these settings. They are recommended only for backwards compatibility with GT*licensing*.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
vendorString	string	0..1	Optional. Override a VENDOR_STRING setting in a license model with this value.
notice	string	0..1	Optional. Override a NOTICE setting in a license model with this value.
serialNumber	string	0..1	Optional. Override a SERIAL_NUMBER setting in a license model with this value.
dupGroup	dupGroupDataType	0..1	Optional. Override a DUP_GROUP setting in a license model with this value. See dupGroupDataType. Even if no feature overrides are explicitly set, the **dupGroupOption**, NO_OVERRIDE, is set automatically.

Complex Type: featurePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Feature name.
version	string	0..1	If the feature version format is **FIXED**, the version of the feature.

Complex Type: featureQueryDataType

Description

All elements in the features are returned.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	1..1	Unique database identifier of the feature.
featureName	string	1..1	Name of the feature.
versionFormat	VersionFormatType	1..1	FIXED or DATE_BASED.
version	string	0..1	Version of the feature, if FIXED format.
description	string	0..1	Description of the feature.
state	StateType	1..1	DRAFT or DEPLOYED.
featureOverrideParams	featureOverrideParamsType	0..1	This element is returned only if your FlexNet Operations license contains a FLEXnet_Ops.FeatureOverride feature. See featureOverrideParamsType.

Complex Type: featureQueryParametersType

Description

Specify the elements needed to construct your query.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

featureName	SimpleQueryType	0..1	Optional. A **featureName** element contains:
			• **value**—a string to match part or all of the featureName element.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

version	SimpleQueryType	0..1	Optional. A **version** element contains:
			• **value**—a string to match part or all of the version value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

versionFormat	VersionFormatQueryType	0..1	Optional. A **versionFormat** element contains:
			• **value**—VersionFormatType of FIXED or DATE_BASED.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

description	SimpleQueryType	0..1	Optional. A **description** element contains:
			• **value**—a string to match part or all of the description.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

state	StateQueryType	0..1	Optional. A **state** element contains:
			• **value**—a StateType value of DRAFT or DEPLOYED to match part or all of the state value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

creationDate	DateQueryType	0..1	Optional. A **creationDate** element contains:
			• **value**—a date value to compare to the creation date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

lastModifiedDate	DateQueryType	0..1	Optional. A **lastModifiedDate** element contains:
			• **value**—a date value to compare to the last modified date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Complex Type: featuresListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	featureIdentifierWithCountDataType	1..*	Required. **features** contains an array of one or more **feature** elements. See featureIdentifierWithCountDataType.

Complex Type: featureStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureIdentifier	featureIdentifierType	1..1	Required. See featureIdentifierType.
stateToSet	StateType	1..1	Required. DRAFT or DEPLOYED.

Complex Type: forceDeleteUserIdentifierType

Derived By

Extending userIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database ID of the user.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.
forceDelete	boolean	0..1	

Complex Type: fulfillmentIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the fulfillment.
primaryKeys	fulfillmentPKType	0..1	Database primary key of the fulfillment—a string containing the **fulfillmentID**.

Complex Type: fulfillmentPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentId	string	1..1	The fulfillment ID.

Complex Type: getCountResponseDataType

Description

Contains an integer **count** element.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	1..1	A **count** element.

Complex Type: getFeatureBundleCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	featureBundleQueryParametersType	0..1	Required. See featureBundleQueryParametersType. Leave this element blank to return all feature bundles.

Referenced By

Name	Type
getFeatureBundleCountRequest	Element
getFeatureBundleCount	Method

Complex Type: getFeatureBundleCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All feature bundles in the request were processed. • PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the feature bundles in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getCountResponseDataType	0..1	Contains an integer count element.

Referenced By

Name	Type
getFeatureBundleCountResponse	Element

Complex Type: getFeatureBundlesQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	featureBundleQueryParametersType	0..1	Required. See featureBundleQueryParametersType. Leave this element blank to return all feature bundles.
pageNumber	integer	1..1	Required. Starts at 1. Say the getFeatureBundleCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
returnContainedObjects	boolean	1..1	Required. If true, return an array of **featuresListType** of features that are contained in the feature bundle. See featuresListType.

Referenced By

Name	Type
getFeatureBundlesQueryRequest	Element
getFeatureBundlesQuery	Method

Complex Type: getFeatureBundlesQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	featureBundleQueryDataType	0..*	A **responseData** element contains an array of **featureBundle** elements. See featureBundleQueryDataType.

Complex Type: getFeatureBundlesQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFeatureBundlesQueryResponseDataType</td><td>0..1</td><td>See getFeatureBundlesQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getFeatureBundlesQueryResponse	Element

Complex Type: getFeatureCountRequestType

Description

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	featureQueryParameters Type	0..1	Required. See featureQueryParametersType. Leave this element blank to return all features.

Referenced By

Name	Type
getFeatureCountRequest	Element
getFeatureCount	Method

Complex Type: getFeatureCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Descripton</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getCountResponseDataType	0..1	Contains an integer count element.

Referenced By

Name	Type
getFeatureCountResponse	Element

Complex Type: getFeaturesQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	featureQueryParametersType	0..1	Required. See featureQueryParametersType. Leave this element blank to return all features.
pageNumber	integer	1..1	Required. Starts at 1. Say the getFeatureCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getFeaturesQueryRequest	Element
getFeaturesQuery	Method

Complex Type: getFeaturesQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	featureQueryDataType	0..*	A **responseData** element contains an array of feature elements to be added. See featureQueryDataType.

Complex Type: getFeaturesQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getFeaturesQueryResponseDataType	0..1	See getFeaturesQueryResponseDataType.

Referenced By

Name	Type
getFeaturesQueryResponse	Element

Complex Type: getLicenseTechnologyQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	licenseTechnologyQueryParametersType	0..1	Required. See licenseTechnologyQueryParametersType. Leave this element blank to return all license technologies.

Referenced By

Name	Type
getLicenseTechnologyQueryRequest	Element
getLicenseTechnologiesQuery	Method

Complex Type: getLicenseTechnologyQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All accounts in the request were processed.
PARTIAL_FAILURE—Some, but not all accounts in the request were processed.
FAILURE—None of the accounts in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>licenseTechnologyDataListType</td><td>0..1</td><td>Information about the license technologies that matched the query is listed in the responseData element. See licenseTechnologyDataListType.</td></tr>
</table>

Referenced By

Name	Type
getLicenseTechnologyQueryResponse	Element

Complex Type: getMaintenanceCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	maintenanceQueryParametersType	0..1	Required. See maintenanceQueryParametersType. Leave this element blank to return all maintenance products.

Referenced By

Name	Type
getMaintenanceCountRequest	Element
getMaintenanceCount	Method

Complex Type: getMaintenanceCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>0..1</td><td>Contains an integer count element.</td></tr>
</table>

Referenced By

Name	Type
getMaintenanceCountResponse	Element

Complex Type: getMaintenanceQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	maintenanceQueryParametersType	0..1	Required. See maintenanceQueryParametersType. Leave this element blank to return all maintenance products.
pageNumber	integer	1..1	Required. Starts at 1. Say the getMaintenanceCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
returnContainedObjects	boolean	1..1	Required. If true, return arrays of elements that are contained in the maitenance product.

Referenced By

Name	Type
getMaintenanceQueryRequest	Element
getMaintenanceQuery	Method

Complex Type: getMaintenanceQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	maintenanceQueryDataType	0..*	A **responseData** element contains an array of maintenance elements. See maintenanceQueryDataType.

Complex Type: getMaintenanceQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getMaintenanceQueryResponseDataType</td><td>0..1</td><td>See getMaintenanceQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getMaintenanceQueryResponse	Element

Complex Type: getModelIdentifiersRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	identifierQueryParametersType	0..1	Required. See identifierQueryParametersType.

Referenced By

Name	Type
getModelIdentifiersRequest	Element
getLicenseModelIdentifiers	Method

Complex Type: getModelIdentifiersResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entities in the request were processed. • FAILURE—None of the entities in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	modelIdentifiersDataListType	0..1	See modelIdentifiersDataListType.

Referenced By

Name	Type
getModelIdentifiersResponse	Element

Complex Type: getPartNumberCountRequestType

Description

A **getPartNumberCountRequest** message contains an element of getPartNumberCountRequestType.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	partNumberQueryParametersType	0..1	Required. See partNumberQueryParametersType.

Referenced By

Name	Type
getPartNumberCountRequest	Element
getPartNumberCount	Method

Complex Type: getPartNumberCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>partNumberCountDataType</td><td>0..1</td><td>Contains an integer count element. See partNumberCountDataType.</td></tr>
</table>

Referenced By

Name	Type
getPartNumberCountResponse	Element

Complex Type: getPartNumbersQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	partNumberQueryParametersType	0..1	Required. See partNumberQueryParametersType.
pageNumber	integer	1..1	Required. Starts at 1. Say the getPartNumberCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getPartNumbersQueryRequest	Element
getPartNumbersQuery	Method

Complex Type: getPartNumbersQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>partNumberDataListType</td><td>0..1</td><td>See partNumberDataListType.</td></tr>
</table>

Referenced By

Name	Type
getPartNumbersQueryResponse	Element

Complex Type: getProductCategoriesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
pageNumber	integer	0..1	The page number of the query results. The page number depends on the batch size and the number of records returned. Say the getProductCategories query returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Maximum number of records to return in the response.
returnContainedObjects	boolean	1..1	True or False.

Referenced By

Name	Type
getProductCategoriesRequest	Element
getProductCategories	Method

Complex Type: getProductCategoriesResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productCategory	productCategoryDataType	0..*	A **responseData** element contains an array of **productCategory** elements. See productCategoryDataType.

Complex Type: getProductCategoriesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All categories in the request were processed.
PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the categories in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getProductCategoriesResponseDataType</td><td>0..1</td><td>A getProductCategoriesResponse contains an array of responseData elements. See getProductCategoriesResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getProductCategoriesResponse	Element

Complex Type: getProductCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	productQueryParameters Type	0..1	Required. See productQueryParametersType. Leave this element blank to return all products.

Referenced By

Name	Type
getProductCountRequest	Element
getProductCount	Method

Complex Type: getProductCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>0..1</td><td>Contains an integer count element. See getCountResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getProductCountResponse	Element

Complex Type: getProductRelationshipsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	Required. See productIdentifierType.

Referenced By

Name	Type
getProductRelationshipsRequest	Element
getProductRelationships	Method

Complex Type: getProductRelationshipsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All relationships in the request were processed.
PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the relationships in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>relationship</td><td>productRelationshipDataType</td><td>1..*</td><td>A getProductRelationshipsResponse contains an array of relationship elements. See productRelationshipDataType.</td></tr>
</table>

Referenced By

Name	Type
getProductRelationshipsResponse	Element

Complex Type: getProductsQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	productQueryParametersType	0..1	Required. See productQueryParametersType. Leave this element blank to return all products.
pageNumber	integer	1..1	Required. Starts at 1. Say the getProductCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
returnContainedObjects	boolean	1..1	Required. If true, return arrays of elements that are contained in the product.

Referenced By

Name	Type
getProductsQueryRequest	Element
getProductsQuery	Method

Complex Type: getProductsQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productQueryDataType	0..*	A **responseData** element contains an array of **product** elements. See productQueryDataType.

Complex Type: getProductsQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getProductsQueryResponseDataType</td><td>0..1</td><td>See getProductsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getProductsQueryResponse	Element

Complex Type: getTransactionKeyIdentifiersRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	identifierQueryParametersType	0..1	Required. See identifierQueryParametersType.

Referenced By

Name	Type
getTransactionKeyIdentifiersRequest	Element
getTransactionKeyIdentifiers	Method

Complex Type: getTransactionKeyIdentifiersResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—All entities in the request were processed.
• FAILURE—None of the entities in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>transactionKeyIdentifiersDataListType</td><td>0..1</td><td>See transactionKeysIdentifiersDataListType.</td></tr>
</table>

Referenced By

Name	Type
getTransactionKeyIdentifiersResponse	Element

Complex Type: getUniformSuiteCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	suiteQueryParametersType	0..1	Required. See suiteQueryParametersType. Leave this element blank to return all suites.

Referenced By

Name	Type
getUniformSuiteCountRequest	Element
getUniformSuiteCount	Method

Complex Type: getUniformSuiteCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>0..1</td><td>Contains an integer count element.</td></tr>
</table>

Referenced By

Name	Type
getUniformSuiteCountResponse	Element

Complex Type: getUniformSuitesQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	suiteQueryParametersType	0..1	Required. See suiteQueryParametersType. Leave this element blank to return all suites.
pageNumber	integer	1..1	Required. Starts at 1. Say the getUniformSuiteCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
returnContainedObjects	boolean	1..1	Required. If true, return arrays of elements that are contained in the suite.

Referenced By

Name	Type
getUniformSuitesQueryRequest	Element
getUniformSuiteQuery	Method

Complex Type: getUniformSuitesQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniformSuite	uniformSuiteQueryDataType	0..*	A **responseData** element contains an array of **uniformSuite** elements. See uniformSuiteQueryDataType.

Complex Type: getUniformSuitesQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUniformSuitesQueryResponseDataType</td><td>0..1</td><td>See getUniformSuitesQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUniformSuitesQueryResponse	Element

Complex Type: getUsersForProductCategoryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productCategory	productCategoryDataType	1..1	Required. See productCategoryDataType.

Referenced By

Name	Type
getUsersForProductCategoryRequest	Element
getUsersForProductCategory	Method

Complex Type: getUsersForProductCategoryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	0..*	See userIdentifierType.

Complex Type: getUsersForProductCategoryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All categories in the request were processed.
PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the categories in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>userData</td><td>getUsersForProductCategoryResponseDataType</td><td>0..1</td><td>A geUsersForProductCategoryResponseDataType contains an array of userData elements. See geUsersForProductCategoryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUsersForProductCategoryResponse	Element

Complex Type: groupMaskDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
option	GroupMaskType	0..*	One of the following values: • USER • HOST • DISPLAY • VENDOR

Complex Type: handleProductCategoriesToUserRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	1..1	See userIdentifierType.
productCategory	productCategoryDataType	1..*	An array of productCategory elements. See productCategoryDataType.

Referenced By

Name	Type
assignProductCategoriesToUserRequest	Element
removeProductCategoriesFromUserRequest	Element
assignProductCategoriesToUser	Method
removeProductCategoriesFromUser	Method

Complex Type: handleProductCategoriesToUserResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All categories in the request were processed. • PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the categories in the request were processed.
reason	string	Gives a reason for partial failure or failure.

Referenced By

Name	Type
assignProductCategoriesToUserResponse	Element
removeProductCategoriesFromUserResponse	Element

Complex Type: handleProductCategoryToAcctRequestType

Description

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acct	accountIdentifierType	1..1	See accountIdentifierType.
productCategory	productCategoryDataType	1..*	An array of **productCategory** elements. See productCategoryDataType.

Referenced By

Name	Type
assignProductCategoriesToAcctRequest	Element
removeProductCategoriesFromAcctRequest	Element
assignProductCategoriesToAcct	Method
removeProductCategoriesFromAcct	Method

Complex Type: handleProductCategoryToAcctResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All categories in the request were processed. • PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the categories in the request were processed.
reason	string	Gives a reason for partial failure or failure.

Referenced By

Name	Type
assignProductCategoriesToAcctResponse	Element
removeProductCategoriesFromAcctResponse	Element

Complex Type: hostTypeListType

Description

A collection of one or more hostTypePKType elements. Use **hostTypes** to assign multiple hosts.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostType	hostTypePKType	1..*	See hostTypePKType.

Complex Type: hostTypePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the host type.

Complex Type: identifierQueryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

name	SimpleQueryType	0..1	Required. A name element contains:
			• value—a string to match part or all of the name.
			• searchType—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Complex Type: licenseGeneratorIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license generator configuration.
primaryKeys	licenseGeneratorPKType	0..1	Database primary key of the license generator configuration—string containing the **name** of the license generator configuration.

Complex Type: licenseGeneratorPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license generator configuration.

Complex Type: licenseGeneratorsDetailsType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseGeneratorIdentifier	licenseGeneratorIdentifierType	0..*	**licenseGenerators** contains one or more **licenseGeneratorIdentifier** elements. See licenseGeneratorIdentifierType.

Complex Type: licenseModelDetailsType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModelIdentifier	licenseModelIdentifierType	1..1	See licenseModelIdentifierType.
licenseTechnology	licenseTechnologyIdentifierType	1..1	See licenseTechnologyIdentifierType.
attributeDetails	modelAttributesType	1..1	See modelAttributesType.

Complex Type: licenseModelIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the license model, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license model.
primaryKeys	licenseModelPKType	0..1	Database primary key of the license model. See licenseModelPKType.

Complex Type: licenseModelPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license model.

Complex Type: licenseModelsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModel	licenseModelIdentifierType	1..*	Required. See licenseModelIdentifierType.

Complex Type: licenseTechnologyDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseTechnology	licenseTechnologyDetailsType	0..*	**responseData** contains one or more **licenseTechnology** elements. See TlicenseTechnologyDetailsType.

Complex Type: licenseTechnologyDetailsType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseTechnologyIdentifier	licenseTechnologyIdentifierType	1..1	See licenseTechnologyIdentifierType.
licenseGenerators	licenseGeneratorsDetailsType	1..1	See licenseGeneratorsDetailsType.
hostTypes	hostTypeListType	1..1	A collection of one or more hostTypePKType elements. Use **hostTypes** to assign multiple hosts.
state	StateType	1..1	DRAFT or DEPLOYED.

Complex Type: licenseTechnologyIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license technology.
primaryKeys	licenseTechnologyPKType	0..1	Database primary key of the license technology. See licenseTechnologyPKType.

Complex Type: licenseTechnologyPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license technology.

Complex Type: licenseTechnologyQueryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

name	SimpleQueryType	0..1	Optional. A **name** element contains:
			• **value**—a string to match part or all of the license technology name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Complex Type: maintenanceIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the maintenance product, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the maintenance product.
primaryKeys	maintenancePKType	0..1	Database primary key of the maintenance product. See maintenancePKType.

Complex Type: maintenancePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the maintenance product.
version	string	1..1	The **version** of the maintenance product.

Complex Type: maintenanceQueryDataType

Description

All elements in the maintenance products are returned, unless otherwise noted.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	1..1	Unique database identifier of the maintenance product.
maintenanceName	string	1..1	Name of the maintenance product.
version	string	0..1	Version of the maintenance product.
description	string	0..1	Description of the maintenance product.
state	StateType	1..1	DRAFT, DEPLOYED, INACTIVE, ON_HOLD, or OBSOLETE.
allowUpgrades	boolean	0..1	Are upgrades allowed for this maintenance?
allowUpsells	boolean	0..1	Are upsells allowed for this maintenance?
allowRenewals	boolean	0..1	Are renewals allowed for this maintenance?
partNumbers	partNumbersSimpleListType	0..1	The part numbers in the maintenance product are returned if **returnContainedObjects** in the request is set to true. See partNumbersSimpleListType.

Complex Type: maintenanceQueryParametersType

Description

Specify the elements needed to construct your query

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

maintenanceName	SimpleQueryType	0..1	Optional. A **maintenanceName** element contains:
			• **value**—a string to match part or all of the maintenance product name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS.

version	SimpleQueryType	0..1	Optional. A **version** element contains:
			• **value**—a string to match part or all of the maintenance product version.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS.

Content Model

Component	Type	Occurs	Description

description	SimpleQueryType	0..1	Optional. A **description** element contains:
			• **value**—a string to match part or all of the description.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS.

partNumber	SimpleQueryType	0..1	Optional. A **partNumber** element contains:
			• **value**—a string to match part or all of the part number.
			• **searchType**—one of the following simpleSearchType values
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS.

state	StateQueryType	0..1	Optional. A **state** element contains:
			• **value**—a StateType value of DRAFT, DEPLOYED, INACTIVE, or OBSOLETE to match part or all of the state value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

creationDate	DateQueryType	0..1	Optional. A **creationDate** element contains:
			• **value**—a date value to compare to the creation date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

lastModifiedDate	DateQueryType	0..1	Optional. A **lastModifiedDate** element contains:
			• **value**—a date value to compare to the last modified date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Complex Type: maintenanceStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceIdentifier	maintenanceIdentifierType	1..1	Required. See maintenanceIdentifierType.
stateToSet	StateType	1..1	Required. DRAFT, DEPLOYED, INACTIVE, or OBSOLETE.

Complex Type: modelAttributesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
needServerId	boolean	1..1	Returns true if the license model requires that a license server hostid is provided at fulfillment time.
needNodeLockId	boolean	1..1	Returns true if the license model requires that a node-locked hostid is provided at fulfillment time.
needCount	boolean	1..1	Returns true if the license model requires that a fulfill count is provided at fulfillment time.
needOverdraftCount	boolean	1..1	Returns true if the license model requires that an overdraft count is provided at fulfillment time.
isCounted	boolean	1..1	Specifies whether the number of seats deployed to customers is counted or whether unlimited copies are provided. Returns **true** if the license model type is counted; returns **false** if the license model is not counted.
modelType	string	1..1	Returns the license model type provided when the license model was created; indicates whether or not the license model is embedded.
expiration	string	1..1	Indicates whether the license model is permanent or whether it expires. It returns either NONE, PERMANENT or the expiration duration that was provided when the license model was created.
gracePeriodDays	string	1..1	The Grace Period Days option enables a FlexNet Embedded application to function for a specified number of days, without interruption, after its license has expired. **gracePeriodDays** returns the grace period days value such as SPECIFIED_AT_ENTITLEMENT_TIME, NOT_USED, or SPECIFY_VALUE_NOW. If SPECIFY_VALUE_NOW was selected when the license model was created, then the value specified at model creation time is returned.

Complex Type: modelIdentifiersDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModel	licenseModelDetailsType	0..*	See licenseModelDetailsType.

Complex Type: NumberQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	integer	1..1	An integer number to match part or all of the custom attribute value.
searchType	numberSearchType	1..1	0ne of the following simpleSearchType values: • GREATER_THAN • GREATER_THAN_EQUALS • LESS_THAN • LESS_THAN_EQUALS • EQUALS • NOT_EQUALS

Complex Type: packagePropertiesDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Required. Name of a package that can contain up to 30 ASCII characters, numbers, underscores, and hyphens.
version	string	0..1	The version contains numbers and up to one decimal point. A value is required at deployment for a FIXED version format; any specified value is ignored for a DATE_BASED version format.
versionFormat	VersionFormatType	1..1	Required. Specify FIXED or DATE_BASED.

Complex Type: partNumberCountDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	1..1	A **count** element.

Complex Type: partNumberDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	partNumberDataType	0..*	A **responseData** element contains an array of **partNumber** elements to be added. See partNumberDataType.

Complex Type: partNumberDataType

Description

All elements in the part numbers are returned, unless otherwise noted.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumberIdentifier	partNumberIdentifierType	1..1	See partNumberIdentifierType.
description	string	1..1	Description of the part number.
creationDate	date	1..1	Date the part number was created.
lastModifiedDate	date	1..1	Date the part number was last modified.
mappedProduct	productIdentifierType	0..1	Product to which the part number is mapped, if applicable.
mappedLicenseModel	licenseModelIdentifierType	0..1	License model to which the part number is mapped, if applicable.

Complex Type: partNumberIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the part number, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the part number.
primaryKeys	partNumberPKType	0..1	Database primary key of the part number. See partNumberPKType.

Complex Type: partNumberIdentifierWithModelType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the part number, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the part number.
primaryKeys	partNumberPKType	0..1	Database primary key of the part number. See partNumberPKType.
licenseModel	licenseModelIdentifierType	0..1	Optional, if you want to map a part number for a product to one specific license model linked to the product. See licenseModelIdentifierType.

Complex Type: partNumberPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partId	string	1..1	The **partId** of the part number.

Complex Type: partNumberQueryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

partId	SimpleQueryType	0..1	Required. Value of a part number. A **partId** element contains:
			• **value**—a string to match part or all of the part number.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

description	SimpleQueryType	0..1	Optional. Describe what makes this part number unique. A **description** element contains:
			• **value**—a string to match part or all of the description.
			searchType—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

productName	SimpleQueryType	0..1	Optional. A **productName** element contains:
			• **value**—a string to match part or all of the product name to which the part number is mapped.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS.

licenseModel	SimpleQueryType	0..1	Optional. A **licenseModel** element contains:
			• **value**—a string to match part or all of the license model name to which the part number is mapped.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

creationDate	DateQueryType	0..1	Optional. Date the part number was created. A **creationDate** element contains:
			• **value**—a date value to compare to the creation date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description
lastModifiedDate	DateQueryType	0..1	Date the part number was last modified. A lastModifiedDate element contains: • **value**—a date value to compare to the last modified date value. • **searchType**—one of the following datedSearchType values: • BEFORE • AFTER • ON
unmappedWithProduct	boolean	0..1	Optional. Set to true to return part numbers that are not mapped to any product. Set to false to return part numbers that are mapped to a product. Do not use this parameter at all to return part numbers whether or not they are mapped to a specific product.
unmappedWithLicenseModel	boolean	0..1	Optional. Set to true to return part numbers that are not mapped to any license model. Set to false to return part numbers that are mapped to a license model. Do not use this parameter at all to return part numbers whether or not they are mapped to a specific license model.

Complex Type: partNumbersListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	partNumberIdentifierWithModelType	1..*	Required. See partNumberIdentifierWithModelType.

Complex Type: partNumbersSimpleListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	partNumberIdentifierType	1..*	Required. See partNumberIdentifierType.

Complex Type: prodCustomAttributeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of a text-type product custom attribute by which to search for a product.
stringValue	SimpleQueryType	0..1	Value of the text-type product custom attribute.

Complex Type: prodCustomAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	prodCustomAttributeQueryType	0..*	See prodCustomAttributeQueryType.

Complex Type: productCategoryDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier for the product category.
name	string	0..1	The name of the product category.
description	string	0..1	The product category description. Populated only in response messages.
categoryAttributes	categoryAttributesDataType	0..1	See categoryAttributesDataType.

Complex Type: productCategoryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

productCategoryName	SimpleQueryType	0..1	A **productCategoryName** element contains:
			• **value**—a string to match part or all of the productCategoryName value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Complex Type: productIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the product, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the product.
primaryKeys	productPKType	0..1	Database primary key of the product. See productPKType.

Complex Type: productIdentifierWithCountDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	Required. See productIdentifierType.
count	positiveInteger	1..1	Required. Positive integer that indicates the cardinality of the product in the suite.

Complex Type: productPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the product.
version	string	1..1	The **version** of the product.

Complex Type: productQueryDataType

Description

All elements in the products are returned, unless otherwise noted.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	1..1	Unique database identifier of the product.
productName	string	1..1	Name of the product.
version	string	0..1	Version of the product.
description	string	0..1	Description of the product.
state	StateType	1..1	DRAFT, DEPLOYED, INACTIVE, or OBSOLETE.
licenseTechnology	licenseTechnologyIdentifierType	0..1	Optional. See licenseTechnologyIdentifierType.
licenseGenerator	licenseGeneratorIdentifierType	0..1	Optional. See licenseGeneratorIdentifierType.
packageProperties	packagePropertiesDataType	0..1	See packagePropertiesDataType.
features	featuresListType	0..1	The features in the product are returned if **returnContainedObjects** in the request is set to true. See featuresListType.
featureBundles	featureBundlesListType	0..1	The feature bundles in the product are returned if **returnContainedObjects** in the request is set to true. See featureBundlesListType.
licenseModels	licenseModelsListType	0..1	The licenseModels in the product are returned if **returnContainedObjects** in the request is set to true. See licenseModelsListType.
trustedKey	trustedKeyIdentifierType	0..1	The transaction keys in the product are returned if **returnContainedObjects** in the request is set to true. See trustedKeyIdentifierType.
virtualTrustedKey	trustedKeyIdentifierType	0..1	The transaction keys in the product are returned if **returnContainedObjects** in the request is set to true. See trustedKeyIdentifierType.
partNumbers	partNumbersListType	0..1	The part numbers in the product are returned if **returnContainedObjects** in the request is set to true. See partNumbersListType.
hostType	hostTypePKType	0..1	See hostTypePKType.

Content Model

Component	Type	Occurs	Description
hostTypes	hostTypeListType	0..1	A collection of one or more hostTypePKType elements. Use hostTypes to assign multiple hosts.
usedOnDevice	boolean	0..1	Used to signify a FlexNet license technology product that can be used on a device licensed using FNE.
productCategory	string	0..1	Optional. The product category for this product.
customAttributes	attributeDescriptorDataType	0..1	A collection of license model or custom attributes. See attributeDescriptorDataType.
allowDownloadObsoleteFrInAdmin	boolean	0..1	If true, allows administrative console users to download obsolete fulfillment records.
allowDownloadObsoleteFrInPortal	boolean	0..1	If true, allows self-service portal users to download obsolete fulfilment records.
creationDate	dateTime	0..1	The date and time (timestamp) the product was created.
lastModifiedDate	dateTime	0..1	The date and time (timestamp) the product was last modified.
productAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
startDate	date	0..1	Only used for automatic upgrade jobs, the **startDate** value defines the beginning of a date range for which this product qualifies as an upgrade-to product, based on the upgrade relationships as defined when the upgrade job runs. The date range defined by **startDate** and **endDate** has no impact on manually generated upgrades nor on bulk operations. **startDate** is only available for products; it is not available for maintenance products nor for product suites. Note: This attribute is available in ProductPackagingService v1 and later.
endDate	date	0..1	Only used for automatic upgrade jobs, the **endDate** value defines the ending of a date range for which this product qualifies as an upgrade-to product, based on the upgrade relationships as defined when the upgrade job runs. The date range defined by **startDate** and **endDate** has no impact on manually generated upgrades nor on bulk operations. **endDate** is only available for products; it is not available for maintenance products nor for product suites. Note: This attribute is available in ProductPackagingService v1 and later.

Content Model

Component	Type	Occurs	Description
upgradeEmailTemplateVarName	string	0..1	The variation of the Product Upgrade Job Email template FlexNet Operations uses to send an email when, as a result of running the Product Version Upgrade job, it automatically creates upgrade lines for the current product. (This value is the template variation used for email messages sent to end users as a result of the Product Version Upgrade job.) • If **upgradeEmailTemplateVarName** is empty (no value) or DEFAULT, the default variation of the Product Upgrade Job Email template is used. • If **upgradeEmailTemplateVarName** is **None**, FlexNet Operations does not send email messages when it creates upgrade lines as a result of the Product Version Upgrade job. • If **upgradeEmailTemplateVarName** specifies an active variation of the Product Upgrade Job email template, FlexNet Operations uses the variation specified. **Note:** This attribute is available in ProductPackagingService v1 and later.

Complex Type: productQueryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

productName	SimpleQueryType	0..1	Optional. A **productName** element contains:
			• **value**—a string to match part or all of the product name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

version	SimpleQueryType	0..1	Optional. A **version** element contains:
			• **value**—a string to match part or all of the product version.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

description	SimpleQueryType	0..1	Optional. A **description** element contains:
			• **value**—a string to match part or all of the description.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

partNumber	SimpleQueryType	0..1	Optional. A **partNumber** element contains:
			• **value**—a string to match part or all of the part number.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

state	StateQueryType	0..1	Optional. A state **element** contains:
			• **value**—a StateType value of: DRAFT, DEPLOYED, INACTIVE, or OBSOLETE to match part or all of the state value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

creationDate	DateQueryType	0..1	Optional. A **creationDate** element contains:
			• **value**—a date value to compare to the creation date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

lastModifiedDate	DateQueryType	0..1	Optional. A **lastModifiedDate** element contains:
			• **value**—a date value to compare to the last modified date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

lastModifiedDateTime	DateTimeQueryType	0..1	This parameter can be used with the **getProductsQuery** and **getProductsCount** operations. This parameter enables producers who manage their own end-user portal to display periodic updates to their products.

licenseTechnology	SimpleQueryType	0..1	Optional. A **licenseTechnology** element contains:
			• **value**—a string to match part or all of the license technology.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

hostType	SimpleQueryType	0..1	Optional. A **hostType** element contains:
			• **value**—a string to match part or all of the license technology.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

usedOnDevice	boolean	0..1	Used to signify a FlexNet license technology product that can be used on a device licensed using FNE. If set to true, a hostType appropriate to a device must be explicitly set. usedOnDevice can be changed after a product is deployed. If it is changed from false to true, a hostType must be set
productLine	SimpleQueryType	0..1	Returns details of all products linked with a particular product line.
productAttributes	prodCustomAttributesQueryListType	0..1	See prodCustomAttributesQueryListType.

Complex Type: productRelationshipDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productToRelate	productIdentifierType	1..1	Required. See productIdentifierType.
relatedProduct	productIdentifierType	1..1	Required. See productIdentifierType.
relation	relationshipType	1..1	Required. Select one of the following that describes how the **productToRelate** is related to the **relatedProduct**. For example, the product to relate is a demo of the related product. • RELATION_UNDEFINED • PRODUCTION_VERSION_OF • DEMO_OF • UPGRADE_FROM • UPGRADE_TO • UPSELL_FROM • UPSELL_TO • IS_MAINTENANCE • HAS_MAINTENANCE

Referenced By

Name	Type
updateProductRelationshipDataType	Complex Type

Complex Type: productsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productIdentifierWithCountDataType	1..*	**products** contains an array of one or more **product** elements. See productIdentifierWithCountDataType.

Complex Type: productStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	Required. See productIdentifierType.
stateToSet	StateType	1..1	Required. DRAFT, DEPLOYED, INACTIVE, or OBSOLETE.

Complex Type: roleIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Role ID.
primaryKeys	rolePKType	0..1	Name of the role.

Complex Type: rolePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the role.

Complex Type: setFeatureBundleStateRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	featureBundleStateDataType	1..*	Required. A **setFeatureBundleState** request contains an array of **featureBundle** elements for which to change the state. See featureBundleStateDataType.

Referenced By

Name	Type
setFeatureBundleStateRequest	Element
setFeatureBundleState	Method

Complex Type: setFeatureBundleStateResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFeatureBundleStateDataListType</td><td>0..1</td><td>Information about the feature bundles whose state was not set is listed in the failedData element. See failedFeatureBundleStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setFeatureBundleStateResponse	Element

Complex Type: setFeatureStateRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	featureStateDataType	1..*	Required. A **setFeatureStateRequest** contains an array of **feature** elements for which to change the state. See featureStateDataType.

Referenced By

Name	Type
setFeatureStateRequest	Element
setFeatureState	Method

Complex Type: setFeatureStateResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFeatureStateDataListType</td><td>0..1</td><td>Information about the features whose state was not set is listed in the failedData element. See failedFeatureStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setFeatureStateResponse	Element

Complex Type: setMaintenanceStateRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	maintenanceStateDataType	1..*	Required. A **setMaintenanceState** request contains an array of **maintenance** elements for which to change the state. See maintenanceStateDataType.

Referenced By

Name	Type
setMaintenanceStateRequest	Element
setMaintenanceState	Method

Complex Type: setMaintenanceStateResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedMaintenanceStateDataListType</td><td>0..1</td><td>Information about the maintenance products whose state was not set is listed in the failedData element. See failedMaintenanceStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setMaintenanceStateResponse	Element

Complex Type: setProductStateRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productStateDataType	1..*	Required. A **setProductState** request contains an array of **product** elements for which to change the state. See productStateDataType.

Referenced By

Name	Type
setProductStateRequest	Element
setProductState	Method

Complex Type: setProductStateResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedProductStateDataListType</td><td>0..1</td><td>Information about the products whose state was not set is listed in the failedData element. See failedProductStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setProductStateResponse	Element

Complex Type: setUniformSuiteStateRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
suite	uniformSuiteStateDataType	1..*	Required. A **setUniformSuiteState** request contains an array of suite elements for which to change the state. See uniformSuiteStateDataType.

Referenced By

Name	Type
setUniformSuiteStateRequest	Element
setUniformSuiteState	Method

Complex Type: setUniformSuiteStateResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUniformSuiteStateDataListType</td><td>0..1</td><td>Information about the suites whose state was not set is listed in the failedData element. See failedUniformSuiteStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setUniformSuiteStateResponse	Element

Complex Type: SimpleQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	Search value.
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Complex Type: StateQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	StateType	1..1	Search value.
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Complex Type: StatusInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	Returns a StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Complex Type: suiteCustomAttributeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of a text-type product custom attribute by which to search for a uniform suite.
stringValue	SimpleQueryType	0..1	Value of the text-type product custom attribute.

Complex Type: suiteCustomAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	suiteCustomAttributeQueryType	0..*	See suiteCustomAttributeQueryType.

Complex Type: suiteIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the suite, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the suite.
primaryKeys	suitePKType	0..1	Database primary key of the suite. See suitePKType.

Complex Type: suitePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the suite.
version	string	1..1	The **version** of the suite.

Complex Type: suiteQueryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

suiteName	SimpleQueryType	0..1	Optional. A **suiteName** element contains:
			• **value**—a string to match part or all of the suite name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

version	SimpleQueryType	0..1	Optional. A **version** element contains:
			• **value**—a string to match part or all of the suite version.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

description	SimpleQueryType	0..1	Optional. A **description** element contains:
			• **value**—a string to match part or all of the description.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

partNumber	SimpleQueryType	0..1	Optional. A **partNumber** element contains:
			• **value**—a string to match part or all of the part number.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

state	StateQueryType	0..1	Optional. A **state** element contains:
			• **value**—a StateType value of DRAFT, DEPLOYED, INACTIVE, or OBSOLETE to match part or all of the state value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

creationDate	DateQueryType	0..1	Optional. A **creationDate** element contains:
			• **value**—a date value to compare to the creation date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

lastModifiedDate	DateQueryType	0..1	Optional. A **lastModifiedDate** element contains:
			• **value**—a date value to compare to the last modified date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

licenseTechnology	SimpleQueryType	0..1	Optional. A **licenseTechnology** element contains:
			• **value**—a string to match part or all of the license technology.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

hostType	SimpleQueryType	0..1	Optional. A **hostType** element contains:
			• **value**—a string to match part or all of the license technology.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

usedOnDevice	boolean	0..1	Used to signify a FlexNet license technology suite that can be used on a device licensed using FNE. If set to true, a hostType appropriate to a device must be explicitly set. usedOnDevice can be changed after a suite is deployed. If it is changed from false to true, a hostType must be set.
productAttributes	suiteCustomAttributesQueryListType	0..1	See suiteCustomAttributesQueryListType.

Complex Type: transactionKeyIdentifiersDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
transactionKeyIdentifier	trustedKeyIdentifierType	0..*	See trustedKeyIdentifierType.

Complex Type: trustedKeyIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the transaction key, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the transaction key.
primaryKeys	trustedKeyPKType	0..1	Database primary key of the transaction key. See trustedKeyPKType.

Complex Type: trustedKeyPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
keyName	string	1..1	The **keyName** of the transaction key.

Complex Type: uniformSuiteQueryDataType

Description

All elements in the suites are returned, unless otherwise noted.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	1..1	Unique database identifier of the suite.
suiteName	string	1..1	Name of the suite.
version	string	0..1	Version of the suite.
description	string	0..1	Description of the suite.
state	StateType	1..1	DRAFT, DEPLOYED, INACTIVE, ON_HOLD, or OBSOLETE.
licenseTechnology	licenseTechnologyIdentifierType	0..1	See licenseTechnologyIdentifierType.
licenseGenerator	licenseGeneratorIdentifierType	0..1	See licenseGeneratorIdentifierType.
packageProperties	packagePropertiesDataType	0..1	See packagePropertiesDataType.
products	productsListType	0..1	The products in the suite are returned if **returnContainedObjects** in the request is set to true. See productsListType.
licenseModels	licenseModelsListType	0..1	The licenseModels in the suite are returned if **returnContainedObjects** in the request is set to true. See licenseModelsListType.
trustedKey	trustedKeyIdentifierType	0..1	The default transaction keys in the suite are returned if **returnContainedObjects** in the request is set to true. See trustedKeyIdentifierType.
virtualTrustedKey	trustedKeyIdentifierType	0..1	The virtualization-aware transaction keys in the suite are returned if **returnContainedObjects** in the request is set to true. See trustedKeyIdentifierType.
partNumbers	partNumbersListType	0..1	The part numbers in the suite are returned if **returnContainedObjects** in the request is set to true. See partNumbersListType.
hostType	hostTypePKType	0..1	See hostTypePKType.
hostTypes	hostTypeListType	0..1	A collection of one or more hostTypePKType elements. Use hostTypes to assign multiple hosts.

Content Model

Component	Type	Occurs	Description
usedOnDevice	boolean	0..1	Used to signify a FlexNet license technology suite that can be used on a device licensed using FNE.
productCategory	string	0..1	Optional. The product category for this suite.
customAttributes	attributeDescriptorDataType	0..1	A collection of license model or custom attributes. See attributeDescriptorDataType.
allowDownloadObsoleteFrInAdmin	boolean	0..1	If true, allows administrative console users to download obsolete fulfillment records.
allowDownloadObsoleteFrInPortal	boolean	0..1	If true, allows self-service portal users to download obsolete fulfilment records.
creationDate	dateTime	0..1	The date and time (timestamp) the suite was created.
lastModifiedDate	dateTime	0..1	The date and time (timestamp) the suite was last modified.
productAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: uniformSuiteStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
suiteIdentifier	suiteIdentifierType	1..1	Required. See suiteIdentifierType.
stateToSet	StateType	1..1	Required. DRAFT, DEPLOYED, INACTIVE, or OBSOLETE.

Complex Type: updateEntitledProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitledProducts	entitledProductDataType	0..*	See entitledProductDataType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each entitlement to be modified: • REPLACE • ADD • DELETE

Complex Type: updateFeatureBundleDataType

Description

The **featureBundleIdentifier** always needs to be specified, along with the new values of the elements to be updated.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundleIdentifier	featureBundleIdentifierType	1..1	Required. See featureBundleIdentifierType.
name	string	0..1	Only need to specify if modifying value. The name of the feature bundle.
description	string	0..1	Only need to specify if modifying value. Describe what makes this feature bundle unique.
features	updateFeaturesListType	0..1	Only need to specify if modifying value. See updateFeaturesListType.

Complex Type: updateFeatureBundleRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	updateFeatureBundleDataType	1..*	Required. An **updateFeatureBundleRequest** contains an array of **featureBundle** elements to be modified. See updateFeatureBundleDataType.

Referenced By

Name	Type
updateFeatureBundleRequest	Element
updateFeatureBundle	Method

Complex Type: updateFeatureBundleResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateFeatureBundleDataListType</td><td>0..1</td><td>Information about the feature bundles that were not modified is listed in the failedData element. See failedUpdateFeatureBundleDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateFeatureBundleResponse	Element

Complex Type: updateFeatureBundlesListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	featureBundleIdentifierWithCountDataType	1..*	Required. See featureBundleIdentifierWithCountDataType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each feature bundle to be modified in the product: • REPLACE • ADD • DELETE

Complex Type: updateFeatureDataType

Description

The **featureIdentifier** always needs to be specified, along with the new values of the elements to be updated.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureIdentifier	featureIdentifierType	1..1	Required. See featureIdentifierType.
featureName	string	0..1	Only need to specify if modifying value. Name of a feature that can contain up to 30 ASCII characters, numbers, underscores, and hyphens.
versionFormat	VersionFormatType	0..1	Only need to specify if modifying value. FIXED or DATE_BASED.
version	string	0..1	Only need to specify if modifying value. The version contains numbers and up to one decimal point. Ignored for a DATE_BASED version format.
description	string	0..1	Only need to specify if modifying value. Describe what makes this feature unique.
aggregationType	AggregationType	0..1	
featureOverrideParams	featureOverrideParamsType	0..1	Only need to specify if modifying value. If you have a FLEXnet_Ops.FeatureOverride license and the Web service user is assigned the Set Feature Override permission, one or more of these parameters can be set on an individual feature and override settings on a license model. See featureOverrideParamsType.

Complex Type: updateFeatureRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	updateFeatureDataType	1..*	Required. An **updateFeatureRequest** contains an array of **feature** elements to be modified. See updateFeatureDataType.

Referenced By

Name	Type
updateFeatureRequest	Element
updateFeature	Method

Complex Type: updateFeatureResponseType

Description

Elements used in an updateFeatureResponse message. Each feature in the updateFeatureRequest is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about features that were modified successfully.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateFeatureDataListType</td><td>0..1</td><td>Contains one or more failedFeature elements. See failedUpdateFeatureDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateFeatureResponse	Element

Complex Type: updateFeaturesListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	featureIdentifierWithCountDataType	0..*	Required. See featuresListType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each feature to be modified in the feature bundle or product: • REPLACE • ADD • DELETE

Complex Type: updateHostTypeListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostType	hostTypePKType	0..*	See hostTypePKType.
opType	CollectionOperationType	1..1	Specify one of the following: • REPLACE • ADD • DELETE

Complex Type: updateLicenseModelsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModelIdentifiers	licenseModelIdentifierType	1..*	Required. See licenseModelIdentifierType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each part number to be modified in the product: • REPLACE • ADD • DELETE

Complex Type: updateMaintenanceDataType

Description

The **maintenanceIdentifier** always needs to be specified, along with the new values of the elements to be updated.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceIdentifier	maintenanceIdentifierType	1..1	Required. See maintenanceIdentifierType.
name	string	0..1	Only need to specify if modifying value. The name of the maintenance product.
version	string	0..1	Only need to specify if modifying value. Version of maintenance product.
description	string	0..1	Only need to specify if modifying value. Describe what makes this maintenance product unique.
allowUpgrades	boolean	0..1	Are upgrades allowed for this maintenance?
allowUpsells	boolean	0..1	Are upsells allowed for this maintenance?
allowRenewals	boolean	0..1	Are renewals allowed for this maintenance?
partNumbers	updatePartNumbersSimpleListType	0..1	Only need to specify if modifying value. See updatePartNumbersSimpleListType.

Complex Type: updateMaintenanceRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	updateMaintenanceDataType	1..*	Required. An **updateMaintenanceRequest** contains an array of **maintenance** elements to be modified. See updateMaintenanceDataType.

Referenced By

Name	Type
updateMaintenanceRequest	Element
updateMaintenance	Method

Complex Type: updateMaintenanceResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateMaintenanceDataListType</td><td>0..1</td><td>Information about the maintenance products that were not modified is listed in the failedData element. See failedUpdateMaintenanceDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateMaintenanceResponse	Element

Complex Type: updatePartNumbersListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	partNumberIdentifierWithModelType	0..*	Required. See partNumberIdentifierWithModelType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each part number to be modified in the product: • REPLACE • ADD • DELETE

Complex Type: updatePartNumbersSimpleListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	partNumberIdentifierType	0..*	Required. See partNumberIdentifierType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each part number mapping to be modified in the product: • REPLACE • ADD • DELETE

Complex Type: updateProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	Required. See productIdentifierType.
name	string	0..1	Only need to specify if modifying value. The name of the product.
version	string	0..1	Only need to specify if modifying value. Version of product.
description	string	0..1	Only need to specify if modifying value. Describe what makes this product unique.
licenseGenerator	licenseGeneratorIdentifierType	0..1	Only need to specify if modifying value. See licenseGeneratorIdentifierType.
packageProperties	packagePropertiesDataType	0..1	Only need to specify if modifying value. See packagePropertiesDataType.
features	updateFeaturesListType	0..1	Only need to specify if modifying value. See updateFeaturesListType.
featureBundles	updateFeatureBundlesListType	0..1	Only need to specify if modifying value. See updateFeatureBundlesListType.
partNumbers	updatePartNumbersListType	0..1	Only need to specify if modifying value. See updatePartNumbersListType.
licenseModels	updateLicenseModelsListType	0..1	Only need to specify if modifying value. See updateLicenseModelsListType.
trustedKey	trustedKeyIdentifierType	0..1	Only need to specify if modifying value. See trustedKeyIdentifierType.
virtualTrustedKey	trustedKeyIdentifierType	0..1	Only need to specify if modifying value. See trustedKeyIdentifierType.
hostType	hostTypePKType	0..1	If no hostType is set for a FlexNet product, the default certificate or trusted host host type is used. Required if a host type is defined on a custom license technology. See hostTypePKType.
hostTypes	updateHostTypeListType	0..1	A collection of one or more hostTypePKType elements. Use hostTypes to assign multiple hosts. See updateHostTypeListType.
usedOnDevice	boolean	0..1	Used to signify a FlexNet license technology product that can be used on a device licensed using FNE. If set to true, a hostType appropriate to a device must be explicitly set. usedOnDevice can be changed after a product is deployed. If it is changed from false to true, a hostType must be set

Content Model

Component	Type	Occurs	Description
productCategory	string	0..1	Optional. Sets the product category for this product. If you do not set a category or if you set an empty or nonexistent category, FlexNet Operations automatically assigns the product to the default Uncategorized Products category without an error.
customAttributes	attributeDescriptorDataType	0..1	A collection of license model or custom attributes. See attributeDescriptorDataType.
allowDownloadObsoleteFrInAdmin	boolean	0..1	If true, allows administrative console users to download obsolete fulfillment records.
allowDownloadObsoleteFrInPortal	boolean	0..1	If true, allows self-service portal users to download obsolete fulfilment records.
productAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
startDate	date	0..1	Only used for automatic upgrade jobs, the **startDate** value defines the beginning of a date range for which this product qualifies as an upgrade-to product, based on the upgrade relationships as defined when the upgrade job runs. The date range defined by **startDate** and **endDate** has no impact on manually generated upgrades nor bulk operations. **startDate** is only available for products; it is not available for maintenance products nor for product suites. Note: This attribute is available in ProductPackagingService v1 and later.
endDate	date	0..1	Only used for automatic upgrade jobs, the **endDate** value defines the ending of a date range for which this product qualifies as an upgrade-to product, based on the upgrade relationships as defined when the upgrade job runs. The date range defined by **startDate** and **endDate** has no impact on manually generated upgrades nor bulk operations. **endDate** is only available for products; it is not available for maintenance products nor for product suites. Note: This attribute is available in ProductPackagingService v1 and later.

Content Model

Component	Type	Occurs	Description
upgradeEmailTemplateVarName	string	0..1	Only used for automatic upgrade jobs, the **upgradeEmailTemplateVarName** specifies the variation of the Product Upgrade Job Email template to use when FlexNet Operations automatically creates upgrade lines as a result of running the Product Version Upgrade job. (This value sets the template variation used for email messages sent to end users as a result of the Product Version Upgrade job.) • The **upgradeEmailTemplateVarName** value can be empty, **DEFAULT**, **None**, or the name of an active variation of the Product Upgrade Job Email template. • Empty (no value specified) and **DEFAULT** cause FlexNet Operations to use the default variation of the Product Upgrade Job Email template for automatic upgrades to this product. • **None** prevents FlexNet Operations from sending email messages for automatic upgrades to this product. • A specified variation name uses the named variation of the Product Upgrade Job Email template for automatic upgrades to this product. (Only active variations of the Product Upgrade Job Email template are available for use. Draft variations are not used.) **Note:** This attribute is available in ProductPackagingService v1 and later.

Complex Type: updateProductRelationshipDataType

Derived By

Extending productRelationshipDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productToRelate	productIdentifierType	1..1	Required. See productIdentifierType.
relatedProduct	productIdentifierType	1..1	Required. See productIdentifierType.
relation	relationshipType	1..1	Required. Select one of the following that describes how the **productToRelate** is related to the **relatedProduct**. For example, the product to relate is a demo of the related product. • RELATION_UNDEFINED • PRODUCTION_VERSION_OF • DEMO_OF • UPGRADE_FROM • UPGRADE_TO • UPSELL_FROM • UPSELL_TO • IS_MAINTENANCE • HAS_MAINTENANCE

Content Model

Component	Type	Occurs	Description
newRelation	relationshipType	1..1	Required. Select one of the following that describes how the **productToRelate** is related to the **relatedProduct**. For example, the product to relate is a demo of the related product. • RELATION_UNDEFINED • PRODUCTION_VERSION_OF • DEMO_OF • UPGRADE_FROM • UPGRADE_TO • UPSELL_FROM • UPSELL_TO • IS_MAINTENANCE • HAS_MAINTENANCE

Complex Type: updateProductRelationshipRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
relationship	updateProductRelationshipDataType	1..*	Required. An **updateProductRelationshipRequest** contains an array of **relationship** elements to be modified. See updateProductRelationshipDataType.

Referenced By

Name	Type
updateProductRelationshipRequest	Element
updateProductRelationship	Method

Complex Type: updateProductRelationshipResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All relationships in the request were processed.
PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the relationships in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateProductRelationshipDataListType</td><td>0..1</td><td>Information about the relationships that were not modified is listed in the failedData element. See failedUpdateProductRelationshipDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateProductRelationshipResponse	Element

Complex Type: updateProductRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	updateProductDataType	1..*	Required. An **updateProductRequest** contains an array of **product** elements to be modified. See updateProductDataType.

Referenced By

Name	Type
updateProductRequest	Element
updateProduct	Method

Complex Type: updateProductResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateProductDataListType</td><td>0..1</td><td>Information about the products that were not modified is listed in the failedData element. See failedUpdateProductDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateProductResponse	Element

Complex Type: updateProductsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierWithCountDataType	1..*	Required. See productIdentifierWithCountDataType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each feature bundle to be modified in the product: • REPLACE • ADD • DELETE

Complex Type: updateUniformSuiteDataType

Description

The **suiteIdentifier** always needs to be specified, along with the new values of the elements to be updated.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
suiteIdentifier	suiteIdentifierType	1..1	Required. See suiteIdentifierType.
name	string	0..1	Only need to specify if modifying value. The name of the suite.
version	string	0..1	Only need to specify if modifying value. Version of suite.
description	string	0..1	Only need to specify if modifying value. Describe what makes this suite unique.
licenseGenerator	licenseGeneratorIdentifierType	0..1	Only need to specify if modifying value. See licenseGeneratorIdentifierType.
packageProperties	packagePropertiesDataType	0..1	Only need to specify if modifying value. See packagePropertiesDataType.
products	updateProductsListType	0..1	Only need to specify if modifying value. See updateProductsListType.
licenseModels	updateLicenseModelsListType	0..1	Only need to specify if modifying value. See updateLicenseModelsListType.
trustedKey	trustedKeyIdentifierType	0..1	Only need to specify if modifying value. See trustedKeyIdentifierType.
virtualTrustedKey	trustedKeyIdentifierType	0..1	Only need to specify if modifying value. See trustedKeyIdentifierType.
partNumbers	updatePartNumbersListType	0..1	Only need to specify if modifying value. See updatePartNumbersListType.
hostType	hostTypePKType	0..1	If no hostType is set for a FlexNet suite, the default certificate or trusted host host type is used. Required if a host type is defined on a custom license technology. See hostTypePKType.
hostTypes	updateHostTypeListType	0..1	A collection of one or more hostTypePKType elements. Use hostTypes to assign multiple hosts. See updateHostTypeListType.

Content Model

Component	Type	Occurs	Description
usedOnDevice	boolean	0..1	Used to signify a FlexNet license technology suite that can be used on a device licensed using FNE. If set to true, a hostType appropriate to a device must be explicitly set. usedOnDevice can be changed after a suite is deployed. If it is changed from false to true, a hostType must be set.
customAttributes	attributeDescriptorDataType	0..1	A collection of license model or custom attributes. See attributeDescriptorDataType.
allowDownloadObsoleteFrInAdmin	boolean	0..1	If true, allows administrative console users to download obsolete fulfillment records.
allowDownloadObsoleteFrInPortal	boolean	0..1	If true, allows self-service portal users to download obsolete fulfilment records.
productAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: updateUniformSuiteRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniformSuite	updateUniformSuiteDataType	1..*	Required. An **updateUniformSuiteRequest** contains an array of **uniformSuite** elements to be modified. See updateUniformSuiteDataType.

Referenced By

Name	Type
updateUniformSuiteRequest	Element
updateUniformSuite	Method

Complex Type: updateUniformSuiteResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateUniformSuiteDataListType</td><td>0..1</td><td>Information about the suites that were not modified is listed in the failedData element. See failedUpdateUniformSuiteDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateUniformSuiteResponse	Element

Complex Type: userIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database ID of the user.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.

Referenced By

Name	Type
forceDeleteUserIdentifierType	Complex Type

Complex Type: userPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
firstName	string	1..1	User's first name.
lastName	string	1..1	User's last name.
emailAddress	string	1..1	User's email address.
phoneNumber	string	0..1	Optional. User's phone number.

Complex Type: valueType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	0..*	Valid values for a MULTI_VALUED_TEXT license model attribute.

Complex Type: versionDateAttributesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
versionOption	VersionDateOptionType	1..1	One of the following: • DEFINE_NOW • USE_START_DATE • USE_ACTIVATION_DATE • DEFINE_VERSION_STARTDATE_LATER • DEFINE_VERSION_DATE_LATER
duration	DurationType	0..1	See DurationType.

Complex Type: VersionFormatQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	VersionFormatType	1..1	VersionFormatType of FIXED or DATE_BASED.
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Simple Types: ProductPackagingService

Simple Types

Name
AcctType
AggregationType
CollectionOperationAccountType
CreateOrUpdateOperationAccountType
CreateOrUpdateOperationType

Simple Type: AcctType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Simple Type: AggregationType

Description

You can use **AggregationType** to aggregate feature counts by **SUM** or **MAX** to support various business models.

Prerequisites

FlexNet Operations aggregates feature counts only if the following conditions are met:

- All license model attributes are identical.
- All of the following entities have identical values:
  Name
  Version
  Start Date Option
  Start Date
  Expiration Date
  Add-On Expiration Date
  Grace Period
  Aggregation Type

***NOTE**: The **AggregationType** field is available only if the configuration option **Enable feature count aggregation** (under **System > Configure > FlexNet Operations > Embedded Device Settings**) is selected. By default, this option is not selected. If the functionality is enabled, producers can define the feature aggregation type when they add a new feature on the **Package Products | Create a Feature** page (under **Products > Feature > Add new Feature**).*

***IMPORTANT**: The configuration option **Enable feature count aggregation** merely shows or hides the **Aggregation Type** field. It does not enable or disable the feature count aggregation functionality itself. Therefore, if you specified aggregation types for certain features but then decide not to use the feature count aggregation functionality, you must set the **Aggregation Type** field to **NONE** for each feature. If the **Aggregation Type** field remains set to **SUM** or **MAX**, FlexNet Operations will continue to aggregate feature counts, even if you disable the configuration option **Enable feature count aggregation**.*

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
NONE	
SUM	
MAX	

Simple Type: CollectionOperationAccountType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
REPLACE	
ADD	
DELETE	

Simple Type: CreateOrUpdateOperationAccountType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CREATE_OR_UPDATE	
CREATE_OR_IGNORE	

Simple Type: CreateOrUpdateOperationType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CREATE_OR_UPDATE	
CREATE_OR_IGNORE	

Elements: ProductPackagingService

Elements

Name	Description
assignProductCategoriesToAcctRequest	An **accountIdentifierType** message contains an element of handleProductCategoryToAcctRequestType.
assignProductCategoriesToAcctResponse	An **assignProductCategoriesToAcctResponse** message contains an element of handleProductCategoryToAcctResponseType. Assigning each product category either succeeds or fails. No specific information is returned about categories.
assignProductCategoriesToUserRequest	An **assignProductCategoriesToUserRequest** message contains an element of handleProductCategoriesToUserRequestType.
assignProductCategoriesToUserResponse	An **assignProductCategoriesToUserResponse** message contains an element of handleProductCategoriesToUserResponseType. Assigning each product category either succeeds or fails. No specific information is returned about categories.
createFeatureBundleRequest	A **createFeatureBundleRequest** message contains an element of createFeatureBundleRequestType.
createFeatureBundleResponse	A **createFeatureBundleResponse** message contains an element of createFeatureBundleResponseType. Each feature bundle in the **createFeatureBundleRequest** is added as an atomic unit; adding each either succeeds or fails.
createFeatureRequest	A **createFeatureRequest** message contains an element of createFeatureRequestType.
createFeatureResponse	A **createFeatureResponse** message contains an element of createFeatureResponseType.
createMaintenanceRequest	A **createMaintenanceRequest** message contains an element of createMaintenanceRequestType.
createMaintenanceResponse	A **createMaintenanceResponse** message contains an element of createMaintenanceResponseType.
createPartNumberRequest	A **createPartNumberRequest** message contains an element of createPartNumberRequestType.
createPartNumberResponse	A **createPartNumberResponse** message contains an element of createPartNumberResponseType. Each part number in the **createPartNumberRequest** is added as an atomic unit; adding each either succeeds or fails.
createProductCategoryRequest	A **createProductCategoryRequest** message contains an element of createProductCategoryRequestType.
createProductCategoryResponse	A **createProductCategoryResponse** message contains an element of createProductCategoryResponseType.
createProductRelationshipRequest	A **createProductRelationshipRequest** message contains an element of createProductRelationshipRequestType.
createProductRelationshipResponse	A **createProductRelationshipResponse** message contains an element of createProductRelationshipResponseType. Each relationship in the **createProductRelationshipRequest** is added as an atomic unit; adding each either succeeds or fails
createProductRequest	A **createProductRequest** message contains an element of createProductRequestType.

Elements

Name	Description
createProductResponse	A **createProductResponse** message contains an element of createProductResponseType. Each product in the **createProductRequest** is added as an atomic unit; adding each either succeeds or fails.
createUniformSuiteRequest	A **createUniformSuiteRequest** message contains an element of createUniformSuiteRequestType.
createUniformSuiteResponse	A **createUniformSuiteResponse** message contains an element of createUniformSuiteResponseType. Each suite in the **createUniformSuiteRequest** is added as an atomic unit; adding each either succeeds or fails.
deleteFeatureBundleRequest	A **deleteFeatureBundleRequest** message contains an element of deleteFeatureBundleRequestType.
deleteFeatureBundleResponse	A **deleteFeatureBundleResponse** message contains an element of deleteFeatureBundleResponseType. Each feature bundle in the **deleteFeatureBundleRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about feature bundles that were deleted successfully.
deleteFeatureRequest	A **deleteFeatureRequest** message contains an element of deleteFeatureRequestType.
deleteFeatureResponse	A **deleteFeatureResponse** message contains an element of deleteFeatureResponseType. Each feature in the **deleteFeatureRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about features that were deleted successfully.
deleteMaintenanceRequest	A **deleteMaintenanceRequest** message contains an element of deleteMaintenanceRequestType.
deleteMaintenanceResponse	A **deleteMaintenanceResponse** message contains an element of deleteMaintenanceResponseType. Each maintenance product in the **deleteMaintenanceRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about maintenance products that were deleted successfully.
deletePartNumberRequest	A **deletePartNumberRequest** message contains an element of deletePartNumberRequestType.
deletePartNumberResponse	A **deletePartNumberResponse** message contains an element of deletePartNumberResponseType. Each part number in the **deletePartNumberRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about part numbers that were deleted successfully.
deleteProductRelationshipRequest	A **deleteProductRelationshipRequest** message contains an element of deleteProductRelationshipRequestType.
deleteProductRelationshipResponse	A **deleteProductRelationshipResponse** message contains an element of deleteProductRelationshipResponseType. Each relationship in the **deleteProductRelationshipRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about relationships that were deleted successfully
deleteProductRequest	A **deleteProductRequest** message contains an element of deleteProductRequestType.

Elements

Name	Description
deleteProductResponse	A **deleteProductResponse** message contains an element of deleteProductResponseType. Each product in the **deleteProductRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about products that were deleted successfully.
deleteUniformSuiteRequest	A **deleteUniformSuiteRequest** message contains an element of deleteUniformSuiteRequestType.
deleteUniformSuiteResponse	A **deleteUniformSuiteResponse** message contains an element of deleteUniformSuiteResponseType. Each suite in the **deleteUniformSuiteRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about suites that were deleted successfully.
getFeatureBundleCountRequest	A **getFeatureBundleCountRequest** message contains an element of getFeatureBundleCountRequestType.
getFeatureBundleCountResponse	A **getFeatureBundleCountResponse** message contains an element of getFeatureBundleCountResponseType.
getFeatureBundlesQueryRequest	A **getFeatureBundlesQueryRequest** message contains an element of getFeatureBundlesQueryRequestType.
getFeatureBundlesQueryResponse	A **getFeatureBundlesQueryResponse** message contains an element of getFeatureBundlesQueryResponseType.
getFeatureCountRequest	A **getFeatureCountRequest** message contains an element of getFeatureCountRequestType.
getFeatureCountResponse	A **getFeatureCountResponse** message contains an element of getFeatureCountResponseType.
getFeaturesQueryRequest	A **getFeaturesQueryRequest** message contains an element of getFeaturesQueryRequestType.
getFeaturesQueryResponse	A **getFeaturesQueryResponse** message contains an element of getFeaturesQueryResponseType.
getLicenseTechnologyQueryRequest	A **getLicenseTechnologyQueryRequest** message contains an element of getLicenseTechnologyQueryRequestType.
getLicenseTechnologyQueryResponse	A **getLicenseTechnologyQueryResponse** message contains an element of getLicenseTechnologyQueryResponseType.
getMaintenanceCountRequest	A **getMaintenanceCountRequest** message contains an element of getMaintenanceCountRequestType.
getMaintenanceCountResponse	A **getMaintenanceCountResponse** message contains an element of getMaintenanceCountResponseType.
getMaintenanceQueryRequest	A **getMaintenanceQueryRequest** message contains an element of getMaintenanceQueryRequestType.
getMaintenanceQueryResponse	A **getMaintenanceQueryResponse** message contains an element of getMaintenanceQueryResponseType.
getModelIdentifiersRequest	A **getModelIdentifiersRequest** message contains an element of getModelIdentifiersRequestType.
getModelIdentifiersResponse	A **getModelIdentifiersResponse** message contains an element of getModelIdentifiersResponseType.

Elements

Name	Description
getPartNumberCountRequest	A **getPartNumberCountRequest** message contains an element of getPartNumberCountRequestType.
getPartNumberCountResponse	A **getPartNumberCountResponse** message contains an element of getPartNumberCountResponseType.
getPartNumbersQueryRequest	A **getPartNumbersQueryRequest** message contains an element of getPartNumbersQueryRequestType.
getPartNumbersQueryResponse	A **getPartNumbersQueryResponse** message contains an element of getPartNumbersQueryResponseType.
getProductCategoriesRequest	A **getProductCategoriesRequest** message contains an element of getProductCategoriesRequestType.
getProductCategoriesResponse	A **getProductCategoriesResponse** message contains an element of getProductCategoriesResponseType.
getProductCountRequest	A **getProductCountRequest** message contains an element of getProductCountRequestType.
getProductCountResponse	A **getProductCountResponse** message contains an element of getProductCountResponseType.
getProductRelationshipsRequest	A **getProductRelationshipsRequest** message contains an element of getProductRelationshipsRequestType.
getProductRelationshipsResponse	A **getProductRelationshipsResponse** message contains an element of getProductRelationshipsResponseType.
getProductsQueryRequest	A **getProductsQueryRequest** message contains an element of getProductsQueryRequestType.
getProductsQueryResponse	A **getProductsQueryResponse** message contains an element of getProductsQueryResponseType.
getTransactionKeyIdentifiersRequest	A **getTransactionKeyIdentifiersRequest** message contains an element of getTransactionKeyIdentifiersRequestType.
getTransactionKeyIdentifiersResponse	A **getTransactionKeyIdentifiersResponse** message contains an element of getTransactionKeyIdentifiersResponseType.
getUniformSuiteCountRequest	A **getUniformSuiteCountRequest** message contains an element of getUniformSuiteCountRequestType.
getUniformSuiteCountResponse	A **getUniformSuiteCountResponse** message contains an element of getUniformSuiteCountResponseType.
getUniformSuitesQueryRequest	A **getUniformSuitesQueryRequest** message contains an element of getUniformSuitesQueryRequestType.
getUniformSuitesQueryResponse	A **getUniformSuitesQueryResponse** message contains an element of getUniformSuitesQueryResponseType.
getUsersForProductCategoryRequest	A **getUsersForProductCategoryRequest** message contains an element of getUsersForProductCategoryRequestType.
getUsersForProductCategoryResponse	A **getUsersForProductCategoryResponse** message contains an element of getUsersForProductCategoryResponseType.
removeProductCategoriesFromAcctRequest	A **removeProductCategoriesFromAcctRequest** message contains an element of handleProductCategoryToAcctRequestType.

Elements

Name	Description
removeProductCategoriesFromAcctResponse	A **removeProductCategoriesFromAcctResponse** message contains an element of handleProductCategoryToAcctResponseType. Removing each product category either succeeds or fails. No specific information is returned about categories.
removeProductCategoriesFromUserRequest	A **removeProductCategoriesFromUserRequest** message contains an element of handleProductCategoriesToUserRequestType.
removeProductCategoriesFromUserResponse	A **removeProductCategoriesFromUserResponse** message contains an element of handleProductCategoriesToUserResponseType.
setFeatureBundleStateRequest	A **setFeatureBundleStateRequest** message contains an element of setFeatureBundleStateRequestType.
setFeatureBundleStateResponse	A **setFeatureBundleStateResponse** message contains an element of setFeatureBundleStateResponseType.
setFeatureStateRequest	A **setFeatureStateRequest** message contains an element of setFeatureStateRequestType.
setFeatureStateResponse	A **setFeatureStateResponse** message contains an element of setFeatureStateResponseType.
setMaintenanceStateRequest	A **setMaintenanceStateRequest** message contains an element of setMaintenanceStateRequestType.
setMaintenanceStateResponse	A **setMaintenanceStateResponse** message contains an element of setMaintenanceStateResponseType.
setProductStateRequest	A **setProductStateRequest** message contains an element of setProductStateRequestType.
setProductStateResponse	A **setProductStateResponse** message contains an element of setProductStateResponseType.
setUniformSuiteStateRequest	A **setUniformSuiteStateRequest** message contains an element of setUniformSuiteStateRequestType.
setUniformSuiteStateResponse	A **setUniformSuiteStateResponse** message contains an element of setUniformSuiteStateResponseType.
updateFeatureBundleRequest	An **updateFeatureBundleRequest** message contains an element of updateFeatureBundleRequestType.
updateFeatureBundleResponse	An **updateFeatureBundleResponse** message contains an element of updateFeatureBundleResponseType. Each feature bundle in the **updateFeatureBundleRequest** is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about feature bundles that were modified successfully.
updateFeatureRequest	An **updateFeatureRequest** message contains an element of updateFeatureRequestType.
updateFeatureResponse	An **updateFeatureRequest** message contains an element of updateFeatureRequestType.
updateMaintenanceRequest	An **updateMaintenanceRequest** message contains an element of updateMaintenanceRequestType.

Elements

Name	Description
updateMaintenanceResponse	An **updateMaintenanceResponse** message contains an element of updateMaintenanceResponseType. Each maintenance product in the **updateMaintenanceRequest** is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about maintenance products that were modified successfully.
updateProductRelationshipRequest	An **updateProductRelationshipRequest** message contains an element of updateProductRelationshipRequestType.
updateProductRelationshipResponse	An **updateProductRelationshipResponse** message contains an element of updateProductRelationshipResponseType. Each relationship in the **updateProductRelationshipRequest** is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about relationships that were modified successfully
updateProductRequest	An **updateProductRequest** message contains an element of updateProductRequestType.
updateProductResponse	An **updateProductResponse** message contains an element of updateProductResponseType. Each product in the **updateProductRequest** is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about products that were modified successfully.
updateUniformSuiteRequest	An **updateUniformSuiteRequest** message contains an element of updateUniformSuiteRequestType.
updateUniformSuiteResponse	An **updateUniformSuiteResponse** message contains an element of updateUniformSuiteResponseType. Each suite in the **updateUniformSuiteRequest** is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about suites that were modified successfully.

Element: assignProductCategoriesToAcctRequest

Description

An **accountIdentifierType** message contains an element of handleProductCategoryToAcctRequestType.

Derived By

Type handleProductCategoryToAcctRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acct	accountIdentifierType	1..1	See accountIdentifierType.
productCategory	productCategoryDataType	1..*	An array of **productCategory** elements. See productCategoryDataType.

Referenced By

Name	Type
assignProductCategoriesToAcct	Method

XML Example

The following XML fragment illustrates an **assignProductCategoriesToAcctRequest** message:

```
<assignProductCategoriesToAcctRequest>
  <acct>
    <primaryKeys>
      <name>PCACCT</name>
    </primaryKeys>
  </acct>
  <productCategory>
    <name>CRM</name>
  </productCategory>
</assignProductCategoriesToAcctRequest>
```

Element: assignProductCategoriesToAcctResponse

Description

An **assignProductCategoriesToAcctResponse** message contains an element of handleProductCategoryToAcctResponseType.

Assigning each product category either succeeds or fails. No specific information is returned about categories.

Derived By

Type handleProductCategoryToAcctResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All categories in the request were processed. • PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the categories in the request were processed.
reason	string	Gives a reason for partial failure or failure.

Referenced By

Name	Type
assignProductCategoriesToAcct	Method

XML Example

The following XML fragment illustrates a successful **assignProductCategoriesToAcctResponse** message:

```
<assignProductCategoriesToAcctResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</assignProductCategoriesToAcctResponse>
```

Element: assignProductCategoriesToUserRequest

Description

An **assignProductCategoriesToUserRequest** message contains an element of handleProductCategoriesToUserRequestType.

Derived By

Type handleProductCategoriesToUserRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	1..1	See userIdentifierType.
productCategory	productCategoryDataType	1..*	An array of productCategory elements. See productCategoryDataType.

Referenced By

Name	Type
assignProductCategoriesToUser	Method

XML Example

The following XML fragment illustrates an **assignProductCategoriesToUserRequest** message:

```
<assignProductCategoriesToUserRequest>
  <user>
    <primaryKeys>
      <firstName>John</firstName>
      <lastName>Smith</lastName>
      <emailAddress>jsmith@example.com</emailAddress>
      <phoneNumber>408-123-4567</phoneNumber>
    </primaryKeys>
  </user>
  <!--one or more product categories-->
  <productCategory>
    <name>CRM</name>
  </productCategory>
</assignProductCategoriesToUserRequest>
```

Element: assignProductCategoriesToUserResponse

Description

An **assignProductCategoriesToUserResponse** message contains an element of handleProductCategoriesToUserResponseType.

Assigning each product category either succeeds or fails. No specific information is returned about categories.

Derived By

Type handleProductCategoriesToUserResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All categories in the request were processed. • PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the categories in the request were processed.
reason	string	Gives a reason for partial failure or failure.

Referenced By

Name	Type
assignProductCategoriesToUser	Method

XML Example

The following XML fragment illustrates a sucessful **assignProductCategoriesToUserResponse** message:

```
<assignProductCategoriesToUserResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</assignProductCategoriesToUserResponse>
```

Element: createFeatureBundleRequest

Description

A **createFeatureBundleRequest** message contains an element of createFeatureBundleRequestType.

Derived By

Type createFeatureBundleRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	createFeatureBundleDataType	1..*	Required. A **createFeatureBundleRequest** contains an array of **featureBundle** elements to be added. See createFeatureBundleDataType.

Referenced By

Name	Type
createFeatureBundle	Method

XML Example

The following XML fragment illustrates a **createFeatureBundleRequest** message:

```
<createFeatureBundleRequest>
  <featureBundle>
    <name>FB_basic_count10</name>
    <description>Basic with count of 10</description>
    <features>
      <feature>
        <featureIdentifier>
          <primaryKeys>
            <name>Feature_add1</name>
            <version>1.0</version>
          </primaryKeys>
        </featureIdentifier>
        <count>10</count>
      </feature>
      <feature>
        <featureIdentifier>
          <primaryKeys>
            <name>Feature_add2</name>
            <version>1.0</version>
          </primaryKeys>
        </featureIdentifier>
        <count>10</count>
      </feature>
    </features>
  </featureBundle>
</createFeatureBundleRequest>
```

Element: createFeatureBundleResponse

Description

A **createFeatureBundleResponse** message contains an element of createFeatureBundleResponseType.

Each feature bundle in the **createFeatureBundleRequest** is added as an atomic unit; adding each either succeeds or fails.

Derived By

Type createFeatureBundleResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All feature bundles in the request were processed. • PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the feature bundles in the request were processed.
reason	string	Gives reason for partial failure or failure.

Content Model

Component	Type	Occurs	Description
failedData	failedFeatureBundleDataListType	0..1	Information about the feature bundles that were not added is listed in the **failedData** element. See failedFeatureBundleDataListType.
responseData	createdFeatureBundleDataListType	0..1	Information about the feature bundles that were added is listed in the **responseData** element. See createdFeatureBundleDataListType.

Referenced By

Name	Type
createFeatureBundle	Method

XML Example

The following XML fragment illustrates a successful **createFeatureBundleResponse** message:

```
<createFeatureBundleResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <createdFeatureBundle>
      <recordRefNo>1</recordRefNo>
      <uniqueId>HID-100236</uniqueId>
    </createdFeatureBundle>
  </responseData>
</createFeatureBundleResponse>
```

Element: createFeatureRequest

Description

A **createFeatureRequest** message contains an element of createFeatureRequestType.

Derived By

Type createFeatureRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	featureDataType	1..*	Required. A **createFeatureRequest** contains an array of **feature** elements to be added. See featureDataType.

Referenced By

Name	Type
createFeature	Method

XML Example

The following XML fragment illustrates a **createFeatureRequest** message:

```
<createFeatureRequest>
  <feature>
    <featureName>Feature_add1</featureName>
    <versionFormat>FIXED</versionFormat>
    <version>1.0</version>
    <description>Feature_add1 desc</description>
  </feature>
  <feature>
    <featureName>Feature_add2</featureName>
    <versionFormat>FIXED</versionFormat>
    <version>1.0</version>
    <description>Feature_add2 desc</description>
  </feature>
  <feature>
    <featureName>Feature_toUpdate</featureName>
    <versionFormat>DATE_BASED</versionFormat>
    <version></version>
    <description>Feature_toUpdate desc</description>
  </feature>
  <feature>
    <featureName>Feature_withOverrides</featureName>
    <versionFormat>FIXED</versionFormat>
    <version>1.0</version>
    <description>Feature_withOverrides desc</description>
    <featureOverrideParams>
      <vendorString>New vendor string</vendorString>
      <dupGroup>
```

XML Example

```
            <dupGroupOption>GROUPMASK</dupGroupOption>
            <groupMask>
              <option>HOST</option>
              <option>DISPLAY</option>
            </groupMask>
          </dupGroup>
        </featureOverrideParams>
      </feature>
    </createFeatureRequest>
```

Element: createFeatureResponse

Description

A **createFeatureResponse** message contains an element of createFeatureResponseType.

Derived By

Type createFeatureResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the requestwere processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFeatureDataListType</td><td>0..1</td><td>Information about the features that were not added is listed in the failedData element. See failedFeatureDataListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
responseData	createdFeatureDataListType	0..1	Information about the features that were added is listed in the **responseData** element. See createdFeatureDataListType.

Referenced By

Name	Type
createFeature	Method

XML Example

The following XML fragment illustrates a partial-failure **createFeatureResponse** message:

```
<createFeatureResponse>
  <statusInfo>
    <status>PARTIAL_FAILURE</status>
    <reason>Partial failure of input data. 1 records failed.
      Please check the specific reasons in returned data.</reason>
  </statusInfo>
  <failedData>
    <failedFeature>
      <feature>
        <featureName>Feature 3</featureName>
        <versionFormat>FIXED</versionFormat>
        <version>1.0</version>
        <description>Feature 3 desc</description
      </feature>
      <reason>The feature name is invalid; it must contain only ASCII
       letters, numbers, or _ (underscore) with no whitespace
       # 0539-341R</reason>
    </failedFeature>
  </failedData>
  <responseData>
    <createdFeature>
      <recordRefNo>1</recordRefNo>
      <uniqueId>HID-100000</uniqueId>
    </createdFeature>
    <createdFeature>
      <recordRefNo>2</recordRefNo>
      <uniqueId>HID-100001</uniqueId>
    </createdFeature>
  </responseData>
</createFeatureResponse>
```

Element: createMaintenanceRequest

Description

A **createMaintenanceRequest** message contains an element of createMaintenanceRequestType.

Derived By

Type createMaintenanceRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	createMaintenanceDataType	1..*	Required. A **createMaintenanceRequest** contains an array of **maintenance** elements to be added. See createMaintenanceDataType.

Referenced By

Name	Type
createMaintenance	Method

XML Example

The following XML fragment illustrates a **createMaintenanceRequest** message:

```
<createMaintenanceRequest>
  <maintenance>
    <maintenanceName>Maint_basic</maintenanceName>
    <version>1.0</version>
    <description>Maint_basic desc</description>
  </maintenance>
</createMaintenanceRequest>
```

Element: createMaintenanceResponse

Description

A **createMaintenanceResponse** message contains an element of createMaintenanceResponseType.

Derived By

Type createMaintenanceResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Status Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never retur PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedMaintenanceDataListType</td><td>0..1</td><td>Information about the maintenance products that were not added is listed in the failedData element. See failedMaintenanceDataListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
responseData	createdMaintenanceDataListType	0..1	Information about the maintenance products that were added is listed in the **responseData** element. See createdMaintenanceDataListType.

Referenced By

Name	Type
createMaintenance	Method

XML Example

The following XML fragment illustrates a successful **createMaintenanceResponse** message:

```
<createMaintenanceResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <createdMaintenance>
      <recordRefNo>1</recordRefNo>
      <uniqueId>HID-20102</uniqueId>
    </createdMaintenance>
  </responseData>
</createMaintenanceResponse>
```

Element: createPartNumberRequest

Description

A **createPartNumberRequest** message contains an element of createPartNumberRequestType.

Derived By

Type createPartNumberRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	createPartNumberDataType	1..*	Required. A **createPartNumberRequest** contains an array of **partNumber** elements to be added. See createPartNumberDataType.
processSync	boolean	0..1	Optional. Set to true to create part numbers synchronously, that is, the Web services client will be blocked until the request is completely processed. Use synchronous processing only for creating small numbers of part numbers at a time. By default, part number creation is asynchronous.

Referenced By

Name	Type
createPartNumber	Method

XML Example

The following XML fragment illustrates a **createPartNumberRequest** message:

```
<createPartNumberRequest>
  <partNumber>
    <partId>Part-1</partId>
      <description>part description 1</description>
  </partNumber>
  <partNumber>
    <partId>Part-2</partId>
    <description>part description 2</description>
  </partNumber>
  <processSync>true</processSync>
</createPartNumberRequest>
```

Element: createPartNumberResponse

Description

A **createPartNumberResponse** message contains an element of createPartNumberResponseType.

Each part number in the **createPartNumberRequest** is added as an atomic unit; adding each either succeeds or fails.

Derived By

Type createPartNumberResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedPartNumberDataListType</td><td>0..1</td><td>Information about the part numbers that were not added is listed in the failedData element. See failedPartNumberDataListType. Not populated for asynchronous requests.</td></tr>
<tr><td>responseData</td><td>createdPartNumberDataListType</td><td>0..1</td><td>Information about the part numbers that were added is listed in the responseData element. See createdPartNumberDataListType. Not populated for asynchronous requests.</td></tr>
</table>

Referenced By

Name	Type
createPartNumber	Method

XML Example

The following XML fragment illustrates a successful synchronous **createPartNumberResponse** message:

```
<createPartNumberResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <createdPartNumber>
      <recordRefNo>0</recordRefNo>
      <uniqueId>HID-20252</uniqueId>
    </createdPartNumber>
    <createdPartNumber>
      <recordRefNo>1</recordRefNo>
      <uniqueId>HID-20253</uniqueId>
    </createdPartNumber>
  </responseData>
</createPartNumberResponse>
```

Element: createProductCategoryRequest

Description

A **createProductCategoryRequest** message contains an element of createProductCategoryRequestType.

Derived By

Type createProductCategoryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productCategory	createProductCategoryDataType	1..*	Required. A **createProductCategoryRequest** contains an array of **productCategory** elements to be added. See createProductCategoryDataType.

Referenced By

Name	Type
createProductCategory	Method

XML Example

The following XML fragment illustrates a **createProductCategoryRequest** message:

```
<createProductCategoryRequest>
  <!--one or more repetitions-->
  <productCategory>
    <name>CRM</name>
    <!--optional-->
    <description>Customer Relationship Management Products</description>
  </productCategory>
</createProductCategoryRequest>
```

Element: createProductCategoryResponse

Description

A **createProductCategoryResponse** message contains an element of createProductCategoryResponseType.

Derived By

Type createProductCategoryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All categories in the request were processed.
PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the categories in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedProductCategoryDataListType</td><td>0..1</td><td>Information about the categories that were not added is listed in the failedData element. See failedProductCategoryDataListType</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
responseData	createdProductCategoryDataListType	0..1	Information about the categories that were added is listed in the **responseData** element. See createdProductCategoryDataListType.

Referenced By

Name	Type
createProductCategory	Method

XML Example

The following XML fragment illustrates a successful **createProductCategoryResponse** message:

```
<createProductCategoryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <createdProductCategory>
      <recordRefNo>1</recordRefNo>
      <uniqueId>149420</uniqueId>
    </createdProductCategory>
  </responseData>
</createProductCategoryResponse>
```

The following XML fragment illustrates a failed **createProductCategoryResponse** message:

```
<createProductCategoryResponse>
  <statusInfo>
    <status>FAILURE</status>
    <reason>All input data in the request failed. Please check the specific reasons in the returned data</reason>
  </statusInfo>
  <failedData>
    <failedProductCategory>
      <productCategory>
        <name>CRM</name>
        <description>Customer Relationship Management Products</description>
      <productCategory>
      <reason>8251:Cannot create Product Category CRM because there already exists another category with this name. [Incident#
7785-511]</reason>
    </failedProductCategory>
  </failedData>
</createProductCategoryResponse>
```

Element: createProductRelationshipRequest

Description

A **createProductRelationshipRequest** message contains an element of createProductRelationshipRequestType.

Derived By

Type createProductRelationshipRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
relationship	productRelationshipDataType	1..*	Required. A createProductRelationshipRequest contains an array of relationship elements to be added. See productRelationshipDataType.

Referenced By

Name	Type
createProductRelationship	Method

XML Example

The following XML fragment illustrates a **createProductRelationshipRequest** message:

```
<createProductRelationshipRequest>
  <relationship>
    <productToRelate>
      <primaryKeys>
        <name>Product_basic</name>
        <version>1.0</version>
      </primaryKeys>
    </productToRelate>
    <relatedProduct>
      <primaryKeys>
        <name>Product_basic</name>
        <version>2.0</version>
      </primaryKeys>
    </relatedProduct>
    <relation>UPGRADE_TO</relation>
  </relationship>
</createProductRelationshipRequest>
```

Element: createProductRelationshipResponse

Description

A **createProductRelationshipResponse** message contains an element of createProductRelationshipResponseType.

Each relationship in the **createProductRelationshipRequest** is added as an atomic unit; adding each either succeeds or fails

Derived By

Type createProductRelationshipResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusInfo	Returns one of the following: • SUCCESS—All relationships in the request were processed. • PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the relationships in the request were processed.
reason	string	Gives reason for partial failure or failure.

Content Model

Component	Type	Occurs	Description
failedData	failedProductRelationshipDataListType	0..1	Information about the relationships that were not added is listed in the **failedData** element. See failedProductRelationshipDataListType.

Referenced By

Name	Type
createProductRelationship	Method

XML Example

The following XML fragment illustrates a successful **createProductRelationshipResponse** message:

```
<createProductRelationshipResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</createProductRelationshipResponse>
```

Element: createProductRequest

Description

A **createProductRequest** message contains an element of createProductRequestType.

Derived By

Type createProductRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	createProductDataType	1..*	Required. A createProductRequest contains an array of product elements to be added. See createProductDataType.

Referenced By

Name	Type
createProduct	Method

XML Example

The following XML fragment illustrates a **createProductRequest** message:

```
<createProductRequest>
  <product>
    <productName>Product_basic</productName>
    <version>1.0</version>
    <description>Product_basic description</description>
    <licenseTechnology>
      <primaryKeys>
        <name>FLEXnet Licensing</name>
      </primaryKeys>
    </licenseTechnology>
    <licenseGenerator>
      <primaryKeys>
        <name>demo</name>
      </primaryKeys>
    </licenseGenerator>
    <featureBundles>
      <featureBundle>
        <featureBundleIdentifier>
          <primaryKeys>
            <name>FB_basic_count10</name>
          </primaryKeys>
        </featureBundleIdentifier>
        <count>10</count>
      </featureBundle>
    </featureBundles>
    <licenseModels>
      <licenseModel>
```

XML Example


```
            <primaryKeys>
              <name>Floating Counted</name>
            </primaryKeys>
          </licenseModel>
          <licenseModel>
            <primaryKeys>
              <name>Nodelocked Uncounted</name>
            </primaryKeys>
          </licenseModel>
          <licenseModel>
            <primaryKeys>
              <name>Retail Activation</name>
            </primaryKeys>
          </licenseModel>
        </licenseModels>
        <trustedKey>
          <primaryKeys>
            <keyName>opsmyTK1</keyName>
          </primaryKeys>
        </trustedKey>
        <virtualTrustedKey>
          <primaryKeys>
            <keyName>opsmyTK2</keyName>
          </primaryKeys>
        </virtualTrustedKey>
      </product>
    </createProductRequest>
```

Element: createProductResponse

Description

A **createProductResponse** message contains an element of createProductResponseType.

Each product in the **createProductRequest** is added as an atomic unit; adding each either succeeds or fails.

Derived By

Type createProductResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedProductDataListType</td><td>0..1</td><td>Information about the products that were not added is listed in the failedData element. See failedProductDataListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
responseData	createdProductDataListType	0..1	Information about the products that were added is listed in the **responseData** element. See createdProductDataListType.

Referenced By

Name	Type
createProduct	Method

XML Example

The following XML fragment illustrates a successful **createProductResponse** message:

```
<createProductResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <createdProduct>
      <recordRefNo>1</recordRefNo>
      <uniqueId>HID-100245</uniqueId>
    </createdProduct>
  </responseData>
</createProductResponse>
```

Element: createUniformSuiteRequest

Description

A **createUniformSuiteRequest** message contains an element of createUniformSuiteRequestType.

Derived By

Type createUniformSuiteRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniformSuite	createUniformSuiteDataType	1..*	Required. A **createUniformSuiteRequest** contains an array of **uniformSuite** elements to be added. See createUniformSuiteDataType.

Referenced By

Name	Type
createUniformSuite	Method

XML Example

The following XML fragment illustrates a **createUniformSuiteRequest** message:

```
<createUniformSuiteRequest>
  <uniformSuite>
    <suiteName>S1</suiteName>
    <version>1.0</version>
    <licenseTechnology>
      <primaryKeys>
        <name>FlexNet Licensing</name>
      </primaryKeys>
    </licenseTechnology>
    <licenseGenerator>
      <primaryKeys>
        <name>demo</name>
      </primaryKeys>
    </licenseGenerator>
    <products>
      <product>
        <productIdentifier>
          <primaryKeys>
            <name>P1</name>
            <version>1.0</version>
          </primaryKeys>
        </productIdentifier>
        <count>3</count>
      </product>
    </products>
    <licenseModels>
      <licenseModel>
```

XML Example

```
            <primaryKeys>
              <name>Floating Counted</name>
            </primaryKeys>
          </licenseModel>
        </licenseModels>
        <productAttributes>
          <attribute>
            <attributeName>PROD_NUM</attributeName>
            <integerValue>3</integerValue>
          </attribute>
        </productAttributes>
      </uniformSuite>
    </createUniformSuiteRequest>
```

Element: createUniformSuiteResponse

Description

A **createUniformSuiteResponse** message contains an element of createUniformSuiteResponseType.

Each suite in the **createUniformSuiteRequest** is added as an atomic unit; adding each either succeeds or fails.

Derived By

Type createUniformSuiteResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUniformSuiteDataListType</td><td>0..1</td><td>Information about the suites that were not added is listed in the failedData element. See failedUniformSuiteDataListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
responseData	createdUniformSuiteDataListType	0..1	Information about the suites that were added is listed in the **responseData** element. See createdUniformSuiteDataListType.

Referenced By

Name	Type
createUniformSuite	Method

XML Example

The following XML fragment illustrates a successful **createUniformSuiteResponse** message:

```
<createUniformSuiteResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <createdUniformSuite>
      <recordRefNo>1</recordRefNo>
      <uniqueId>HID-12</uniqueId>
    </createdUniformSuite>
  </responseData>
</createUniformSuiteResponse>
```

Element: deleteFeatureBundleRequest

Description

A **deleteFeatureBundleRequest** message contains an element of deleteFeatureBundleRequestType.

Derived By

Type deleteFeatureBundleRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	deleteFeatureBundleDataType	1..*	Required. A **deleteFeatureBundleRequest** contains an array of **featureBundle** elements to be deleted. See deleteFeatureBundleDataType.

Referenced By

Name	Type
deleteFeatureBundle	Method

XML Example

The following XML fragment illustrates a **deleteFeatureBundleRequest** message:

```
<deleteFeatureBundleRequest>
  <featureBundle>
    <featureBundleIdentifier>
      <primaryKeys>
        <name>FB_toDelete</name>
      </primaryKeys>
    </featureBundleIdentifier>
  </featureBundle>
</deleteFeatureBundleRequest>
```

Element: deleteFeatureBundleResponse

Description

A **deleteFeatureBundleResponse** message contains an element of deleteFeatureBundleResponseType.

Each feature bundle in the **deleteFeatureBundleRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about feature bundles that were deleted successfully.

Derived By

Type deleteFeatureBundleResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All feature bundles in the request were processed. • PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the feature bundles in the request were processed.
response	string	Gives reason for partial failure or failure.

Content Model

Component	Type	Occurs	Description
failedData	failedDeleteFeatureBundleDataListType	0..1	Information about the feature bundles that were not deleted is listed in the **failedData** element. See failedDeleteFeatureBundleDataListType.

Referenced By

Name	Type
deleteFeatureBundle	Method

XML Example

The following XML fragment illustrates a successful **deleteFeatureBundleResponse** message:

```
<deleteFeatureBundleResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteFeatureBundleResponse>
```

Element: deleteFeatureRequest

Description

A **deleteFeatureRequest** message contains an element of deleteFeatureRequestType.

Derived By

Type deleteFeatureRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	deleteFeatureDataType	1..*	Required. A **deleteFeatureRequest** contains an array of feature elements to be deleted. See deleteFeatureDataType.

Referenced By

Name	Type
deleteFeature	Method

XML Example

The following XML fragment illustrates a **deleteFeatureRequest** message (Feature_toDelete has a fixed version, so version needs to be specified):

```
<deleteFeatureRequest>
  <feature>
    <featureIdentifier>
      <primaryKeys>
        <name>Feature_toDelete</name>
        <version></version>
      </primaryKeys>
    </featureIdentifier>
  </feature>
</deleteFeatureRequest>
```

Element: deleteFeatureResponse

Description

A **deleteFeatureResponse** message contains an element of deleteFeatureResponseType.

Each feature in the **deleteFeatureRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about features that were deleted successfully.

Derived By

Type deleteFeatureResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteFeatureDataListType</td><td>0..1</td><td>Information about the features that were not deleted is listed in the failedData element. See failedDeleteFeatureDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteFeature	Method

XML Example

The following XML fragment illustrates an unsuccessful **deleteFeatureResponse** message (Feature_toDelete has a fixed version, so version needs to be specified):

```
<deleteFeatureResponse>
  <statusInfo>
    <status>FAILURE</status>
    <reason>All input data in the request failed. Please check the
          specific reasons in returned data.</reason>
  </statusInfo>
  <failedData>
    <failedFeature>
      <featureIdentifier>
        <primaryKeys>
          <name>Feature_toDelete</name>
          <version/>
        </primaryKeys>
      </featureIdentifier>
      <reason>Identifier Feature_toDelete is invalid.
            # 4359-767</reason>
      </failedFeature>
    </failedData>
  </deleteFeatureResponse>
```

Element: deleteMaintenanceRequest

Description

A **deleteMaintenanceRequest** message contains an element of deleteMaintenanceRequestType.

Derived By

Type deleteMaintenanceRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	deleteMaintenanceDataType	1..*	Required. A **deleteMaintenanceRequest** contains an array of maintenance elements to be deleted. See deleteMaintenanceDataType.

Referenced By

Name	Type
deleteMaintenance	Method

XML Example

The following XML fragment illustrates a **deleteMaintenanceRequest** message:

```
<deleteMaintenanceRequest>
  <maintenance>
    <maintenanceIdentifier>
      <primaryKeys>
        <name>Maintenance1</name>
        <version>1.0</version>
      </primaryKeys>
    </maintenanceIdentifier>
  </maintenance>
</deleteMaintenanceRequest>
```

Element: deleteMaintenanceResponse

Description

A **deleteMaintenanceResponse** message contains an element of deleteMaintenanceResponseType.

Each maintenance product in the **deleteMaintenanceRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about maintenance products that were deleted successfully.

Derived By

Type deleteMaintenanceResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All maintenance products in the request were processed. • PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the maintenance products in the request were processed.
reason	string	Gives reason for partial failure or failure.

Content Model

Component	Type	Occurs	Description
failedData	failedDeleteMaintenanceDataListType	0..1	Information about the maintenance products that were not deleted is listed in the **failedData** element. See failedDeleteMaintenanceDataListType.

Referenced By

Name	Type
deleteMaintenance	Method

XML Example

The following XML fragment illustrates a successful **deleteMaintenanceResponse** message:

```
<deleteMaintenanceResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteMaintenanceResponse>
```

Element: deletePartNumberRequest

Description

A **deletePartNumberRequest** message contains an element of deletePartNumberRequestType.

Derived By

Type deletePartNumberRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partNumber	deletePartNumberDataType	1..*	Required. A **deletePartNumberRequest** contains an array of **partNumber** elements to be deleted. See deletePartNumberDataType.

Referenced By

Name	Type
deletePartNumber	Method

XML Example

The following XML fragment illustrates a **deletePartNumberRequest** message:

```
<deletePartNumberRequest>
  <partNumber>
    <partNumberIdentifier>
      <primaryKeys>
        <partId>part-11</partId>
      </primaryKeys>
    </partNumberIdentifier>
  </partNumber>
</deletePartNumberRequest>
```

Element: deletePartNumberResponse

Description

A **deletePartNumberResponse** message contains an element of deletePartNumberResponseType.

Each part number in the **deletePartNumberRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about part numbers that were deleted successfully.

Derived By

Type deletePartNumberResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeletePartNumberDataListType</td><td>0..1</td><td>Information about the part numbers that were not deleted is listed in the failedData element. See failedDeletePartNumberDataListType.</td></tr>
</table>

Referenced By

Name	Type
deletePartNumber	Method

XML Example

The following XML fragment illustrates a successful **deletePartNumberResponse** message:

```
<deletePartNumberResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deletePartNumberResponse>
```

Element: deleteProductRelationshipRequest

Description

A **deleteProductRelationshipRequest** message contains an element of deleteProductRelationshipRequestType.

Derived By

Type deleteProductRelationshipRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
relationship	productRelationshipDataType	1..*	Required. A **deleteProductRelationshipRequest** contains an array of **relationship** elements to be deleted. See productRelationshipDataType.

Referenced By

Name	Type
deleteProductRelationship	Method

XML Example

The following XML fragment illustrates a **deleteProductRelationshipRequest** message:

```
<deleteProductRelationshipRequest>
  <relationship>
    <productToRelate>
      <primaryKeys>
        <name>P11</name>
        <version>1.0</version>
      </primaryKeys>
    </productToRelate>
    <relatedProduct>
      <primaryKeys>
        <name>P10</name>
        <version>1.0</version>
      </primaryKeys>
    </relatedProduct>
    <relation>UPSELL_FROM</relation>
  </relationship>
</deleteProductRelationshipRequest>
```

Element: deleteProductRelationshipResponse

Description

A **deleteProductRelationshipResponse** message contains an element of deleteProductRelationshipResponseType.

Each relationship in the **deleteProductRelationshipRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about relationships that were deleted successfully

Derived By

Type deleteProductRelationshipResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All relationships in the request were processed. • PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the relationships in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Content Model

Component	Type	Occurs	Description
failedData	failedProductRelationshipDataListType	0..1	Information about the relationships that were not deleted is listed in the **failedData** element. See failedProductRelationshipDataListType

Referenced By

Name	Type
deleteProductRelationship	Method

XML Example

The following XML fragment illustrates a successful **deleteProductRelationshipResponse** message:

```
<deleteProductRelationshipResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteProductRelationshipResponse>
```

Element: deleteProductRequest

Description

A **deleteProductRequest** message contains an element of deleteProductRequestType.

Derived By

Type deleteProductRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	deleteProductDataType	1..*	Required. A **deleteProductRequest** contains an array of product elements to be deleted. See deleteProductDataType.

Referenced By

Name	Type
deleteProduct	Method

XML Example

The following XML fragment illustrates a **deleteProductRequest** message:

```
<deleteProductRequest>
  <product>
    <productIdentifier>
      <primaryKeys>
        <name>Product A</name>
        <version>1.0</version>
      </primaryKeys>
    </productIdentifier>
  </product>
</deleteProductRequest>
```

Element: deleteProductResponse

Description

A **deleteProductResponse** message contains an element of deleteProductResponseType.

Each product in the **deleteProductRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about products that were deleted successfully.

Derived By

Type deleteProductResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were rocessed.
PARTIAL_FAILURE—Some, but not all products n the request were processed. The getCount and getQuery operations never return ARTIAL_FAILURE.
FAILURE—None of the products in the request ere processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteProductDataListType</td><td>0..1</td><td>Information about the products that were not deleted is listed in the failedData element. See failedDeleteProductDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteProduct	Method

XML Example

The following XML fragment illustrates a successful **deleteProductResponse** message:

```
<deleteProductResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteProductResponse>
```

Element: deleteUniformSuiteRequest

Description

A **deleteUniformSuiteRequest** message contains an element of deleteUniformSuiteRequestType.

Derived By

Type deleteUniformSuiteRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniformSuite	deleteUniformSuiteDataType	1..*	Required. A **deleteUniformSuiteRequest** contains an array of **uniformSuite** elements to be deleted. See deleteUniformSuiteDataType.

Referenced By

Name	Type
deleteUniformSuite	Method

XML Example

The following XML fragment illustrates a **deleteUniformSuiteRequest** message:

```
<deleteUniformSuiteRequest>
  <uniformSuite>
    <suiteIdentifier>
      <primaryKeys>
        <name>S1</name>
        <version>1.0</version>
      </primaryKeys>
    </suiteIdentifier>
  </uniformSuite>
</deleteUniformSuiteRequest>
```

Element: deleteUniformSuiteResponse

Description

A **deleteUniformSuiteResponse** message contains an element of deleteUniformSuiteResponseType.

Each suite in the **deleteUniformSuiteRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about suites that were deleted successfully.

Derived By

Type deleteUniformSuiteResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteUniformSuiteDataListType</td><td>0..1</td><td>Information about the suites that were not deleted is listed in the failedData element. See failedDeleteUniformSuiteDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteUniformSuite	Method

XML Example

The following XML fragment illustrates a successful **deleteUniformSuiteResponse** message:

```
<deleteUniformSuiteResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteUniformSuiteResponse>
```

Element: getFeatureBundleCountRequest

Description

A **getFeatureBundleCountRequest** message contains an element of getFeatureBundleCountRequestType.

Derived By

Type getFeatureBundleCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	featureBundleQueryParametersType	0..1	Required. See featureBundleQueryParametersType. Leave this element blank to return all feature bundles.

Referenced By

Name	Type
getFeatureBundleCount	Method

XML Example

The following XML fragment illustrates a **getFeatureBundleCountRequest** message:

```
<getFeatureBundleCountRequest>
  <queryParams>
  </queryParams>
</getFeatureBundleCountRequest>
```

Element: getFeatureBundleCountResponse

Description

A **getFeatureBundleCountResponse** message contains an element of getFeatureBundleCountResponseType.

Derived By

Type getFeatureBundleCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>0..1</td><td>Contains an integer count element.</td></tr>
</table>

Referenced By

Name	Type
getFeatureBundleCount	Method

XML Example

The following XML fragment illustrates a successful **getFeatureBundleCountResponse** message:

```
<getFeatureBundleCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <count>17</count>
  </responseData>
</getFeatureBundleCountResponse>
```

Element: getFeatureBundlesQueryRequest

Description

A **getFeatureBundlesQueryRequest** message contains an element of getFeatureBundlesQueryRequestType.

Derived By

Type getFeatureBundlesQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	featureBundleQueryParametersType	0..1	Required. See featureBundleQueryParametersType. Leave this element blank to return all feature bundles.
pageNumber	integer	1..1	Required. Starts at 1. Say the getFeatureBundleCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
returnContainedObjects	boolean	1..1	Required. If true, return an array of **featuresListType** of features that are contained in the feature bundle. See featuresListType.

Referenced By

Name	Type
getFeatureBundlesQuery	Method

XML Example

The following XML fragment illustrates a **getFeatureBundlesQueryRequest** message:

```
<getFeatureBundlesQueryRequest>
  <queryParams>
    <name>
      <value>FB_basic</value>
      <searchType>STARTS_WITH</searchType>
    </name>
  </queryParams>
  <pageNumber>1</pageNumber>
  <batchSize>50</batchSize>
  <returnContainedObjects>true</returnContainedObjects>
</getFeatureBundlesQueryRequest>
```

Element: getFeatureBundlesQueryResponse

Description

A **getFeatureBundlesQueryResponse** message contains an element of getFeatureBundlesQueryResponseType.

Derived By

Type getFeatureBundlesQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFeatureBundlesQueryResponseDataType</td><td>0..1</td><td>See getFeatureBundlesQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getFeatureBundlesQuery	Method

XML Example

The following XML fragment illustrates a successful **getFeatureBundlesQueryResponse** message that returns the contained features:

```
<getFeatureBundlesQueryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <featureBundle>
      <uniqueId>HID-100236</uniqueId>
      <name>FB_basic_count10</name>
      <description>Basic now contains Feature_add3</description>
      <state>DRAFT</state>
      <features>
        <feature>
          <featureIdentifier>
            <uniqueId>HID-100230</uniqueId>
            <primaryKeys>
              <name>Feature_add1</name>
              <version>1.0</version>
            </primaryKeys>
          </featureIdentifier>
          <count>10</count>
        </feature>
        <feature>
          <featureIdentifier>
            <uniqueId>HID-100231</uniqueId>
            <primaryKeys>
              <name>Feature_add2</name>
              <version>1.0</version>
            </primaryKeys>
          </featureIdentifier>
          <count>10</count>
        </feature>
        <feature>
          <featureIdentifier>
            <uniqueId>HID-100237</uniqueId>
            <primaryKeys>
              <name>Feature_add3</name>
              <version>1.0</version>
            </primaryKeys>
          </featureIdentifier>
          <count>10</count>
        </feature>
      </features>
    </featureBundle>
  </responseData>
</getFeatureBundlesQueryResponse>
```

Element: getFeatureCountRequest

Description

A **getFeatureCountRequest** message contains an element of getFeatureCountRequestType.

Derived By

Type getFeatureCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	featureQueryParameters Type	0..1	Required. See featureQueryParametersType. Leave this element blank to return all features.

Referenced By

Name	Type
getFeatureCount	Method

XML Example

The following XML fragment illustrates a **getFeatureCountRequest** message:

```
<getFeatureCountRequest>
  <queryParams>
    <featureName>
      <value>Feature_add</value>
      <searchType>STARTS_WITH</searchType>
    </featureName>
    <versionFormat>
      <value>FIXED</value>
      <searchType>EQUALS</searchType>
    </versionFormat>
  </queryParams>
</getFeatureCountRequest>
```

Element: getFeatureCountResponse

Description

A **getFeatureCountResponse** message contains an element of getFeatureCountResponseType.

Derived By

Type getFeatureCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Descripton</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>0..1</td><td>Contains an integer count element.</td></tr>
</table>

Referenced By

Name	Type
getFeatureCount	Method

XML Example

The following XML fragment illustrates a successful **getFeatureCountResponse** message:

```
<getFeatureCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <count>2</count>
  </responseData>
</getFeatureCountResponse>
```

Element: getFeaturesQueryRequest

Description

A **getFeaturesQueryRequest** message contains an element of getFeaturesQueryRequestType.

Derived By

Type getFeaturesQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	featureQueryParameters Type	0..1	Required. See featureQueryParametersType. Leave this element blank to return all features.
pageNumber	integer	1..1	Required. Starts at 1. Say the getFeatureCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getFeaturesQuery	Method

XML Example

The following XML fragment illustrates a **getFeaturesQueryRequest** message:

```
<getFeaturesQueryRequest>
  <queryParams>
    <featureName>
      <value>Feature_add</value>
      <searchType>STARTS_WITH</searchType>
    </featureName>
    <versionFormat>
      <value>FIXED</value>
      <searchType>EQUALS</searchType>
    </versionFormat>
  </queryParams>
  <pageNumber>1</pageNumber>
  <batchSize>50</batchSize>
</getFeaturesQueryRequest>
```

Element: getFeaturesQueryResponse

Description

A **getFeaturesQueryResponse** message contains an element of getFeaturesQueryResponseType.

Derived By

Type getFeaturesQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFeaturesQueryResponseDataType</td><td>0..1</td><td>See getFeaturesQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getFeaturesQuery	Method

XML Example

The following XML fragment illustrates a successful **getFeaturesQueryResponse** message:

```
<getFeaturesQueryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <feature>
      <uniqueId>HID-100231</uniqueId>
      <featureName>Feature_add2</featureName>
      <versionFormat>FIXED</versionFormat>
      <version>1.0</version>
      <description>Feature_add2 desc</description>
      <state>DRAFT</state>
      <featureOverrideParams>
        <dupGroup>
          <dupGroupOption>NO_OVERRIDE</dupGroupOption>
        </dupGroup>
      </featureOverrideParams>
    </feature>
    <feature>
      <uniqueId>HID-100230</uniqueId>
      <featureName>Feature_add1</featureName>
      <versionFormat>FIXED</versionFormat>
      <version>1.0</version>
      <description>Feature_add1 desc</description>
      <state>DRAFT</state>
      <featureOverrideParams>
        <dupGroup>
          <dupGroupOption>NO_OVERRIDE</dupGroupOption>
        </dupGroup>
      </featureOverrideParams>
    </feature>
  </responseData>
</getFeaturesQueryResponse>
```

Element: getLicenseTechnologyQueryRequest

Description

A **getLicenseTechnologyQueryRequest** message contains an element of getLicenseTechnologyQueryRequestType.

Derived By

Type getLicenseTechnologyQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	licenseTechnologyQueryParametersType	0..1	Required. See licenseTechnologyQueryParametersType. Leave this element blank to return all license technologies.

Referenced By

Name	Type
getLicenseTechnologiesQuery	Method

XML Example

The following XML fragment illustrates a **getLicenseTechnologyQueryRequest** message:

```
<getLicenseTechnologyQueryRequest>
  <queryParams>
    <name>
      <value>FLEX</value>
      <searchType>STARTS_WITH</searchType>
    </name>
  </queryParams>
</getLicenseTechnologyQueryRequest>
```

Element: getLicenseTechnologyQueryResponse

Description

A **getLicenseTechnologyQueryResponse** message contains an element of getLicenseTechnologyQueryResponseType.

Derived By

Type getLicenseTechnologyQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All accounts in the request were processed.
PARTIAL_FAILURE—Some, but not all accounts in the request were processed.
FAILURE—None of the accounts in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>licenseTechnologyDataListType</td><td>0..1</td><td>Information about the license technologies that matched the query is listed in the responseData element. See licenseTechnologyDataListType.</td></tr>
</table>

Referenced By

Name	Type
getLicenseTechnologiesQuery	Method

XML Example

The following XML fragment illustrates a successful **getLicenseTechnologyQueryResponse** message:

```
<getLicenseTechnologyQueryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <licenseTechnology>
      <licenseTechnologyIdentifier>
        <uniqueId>HID-100</uniqueId>
        <primaryKeys>
          <name>FLEXnet Licensing</name>
        </primaryKeys>
      </licenseTechnologyIdentifier>
      <licenseGenerators>
        <licenseGeneratorIdentifier>
          <uniqueId>HID-100</uniqueId>
          <primaryKeys>
            <name>demo</name>
          </primaryKeys>
        </licenseGeneratorIdentifier>
      </licenseGenerators>
      <state>DRAFT</state>
    </licenseTechnology>
  </responseData>
</getLicenseTechnologyQueryResponse>
```

Element: getMaintenanceCountRequest

Description

A **getMaintenanceCountRequest** message contains an element of getMaintenanceCountRequestType.

Derived By

Type getMaintenanceCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	maintenanceQueryParametersType	0..1	Required. See maintenanceQueryParametersType. Leave this element blank to return all maintenance products.

Referenced By

Name	Type
getMaintenanceCount	Method

XML Example

The following XML fragment illustrates a **getMaintenanceCountRequest** message:

```
<getMaintenanceCountRequest>
  <queryParams>
    <maintenanceName>
      <value>M</value>
      <searchType>STARTS_WITH</searchType>
    </maintenanceName>
    <version>
      <value>1</value>
      <searchType>STARTS_WITH</searchType>
    </version>
  </queryParams>
</getMaintenanceCountRequest>
```

Element: getMaintenanceCountResponse

Description

A **getMaintenanceCountResponse** message contains an element of getMaintenanceCountResponseType.

Derived By

Type getMaintenanceCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>0..1</td><td>Contains an integer count element.</td></tr>
</table>

Referenced By

Name	Type
getMaintenanceCount	Method

XML Example

The following XML fragment illustrates a successful **getMaintenanceCountResponse** message:

```
<getMaintenanceCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <count>1</count>
  </responseData>
</getMaintenanceCountResponse>
```

Element: getMaintenanceQueryRequest

Description

A **getMaintenanceQueryRequest** message contains an element of getMaintenanceQueryRequestType.

Derived By

Type getMaintenanceQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	maintenanceQueryParametersType	0..1	Required. See maintenanceQueryParametersType. Leave this element blank to return all maintenance products.
pageNumber	integer	1..1	Required. Starts at 1. Say the getMaintenanceCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
returnContainedObjects	boolean	1..1	Required. If true, return arrays of elements that are contained in the maitenance product.

Referenced By

Name	Type
getMaintenanceQuery	Method

XML Example

The following XML fragment illustrates a **getMaintenanceQueryRequest** message:

```
<getMaintenanceQueryRequest>
  <queryParams>
    <maintenanceName>
      <value>M</value>
      <searchType>STARTS_WITH</searchType>
    </maintenanceName>
    <version>
      <value>1</value>
      <searchType>STARTS_WITH</searchType>
    </version>
  </queryParams>
  <pageNumber>1</pageNumber>
  <batchSize>30</batchSize>
  <returnContainedObjects>false</returnContainedObjects>
</getMaintenanceQueryRequest>
```

Element: getMaintenanceQueryResponse

Description

A **getMaintenanceQueryResponse** message contains an element of getMaintenanceQueryResponseType.

Derived By

Type getMaintenanceQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getMaintenanceQueryResponseDataType</td><td>0..1</td><td>See getMaintenanceQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getMaintenanceQuery	Method

XML Example

The following XML fragment illustrates a successful **getMaintenanceQueryResponse** message:

```
<getMaintenanceQueryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <maintenance>
      <uniqueId>HID-20102</uniqueId>
      <maintenanceName>Maint_basic_updated</maintenanceName>
      <description>Maint_basic_updated desc</description>
      <state>DRAFT</state>
    </maintenance>
  </responseData>
</getMaintenanceQueryResponse>
```

Element: getModelIdentifiersRequest

Description

A **getModelIdentifiersRequest** message contains an element of getModelIdentifiersRequestType.

Derived By

Type getModelIdentifiersRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	identifierQueryParametersType	0..1	Required. See identifierQueryParametersType.

Referenced By

Name	Type
getLicenseModelIdentifiers	Method

XML Example

The following XML fragment illustrates a **getModelIdentifiersRequest** message that returns the IDs, names, and fulfillment parameters (that are set as name-value pairs) of all license models:

```
<getModelIdentifiersRequest>
  <queryParams>
  </queryParams>
</getModelIdentifiersRequest>
```

The following XML fragment illustrates a **getModelIdentifiersRequest** message that returns the fulfillment-time parameters (that are set as name-value pairs) for the license model whose name is **Floating Counted**:

```
<getModelIdentifiersRequest>
  <queryParams>
    <name>
      <value>Floating Counted</value>
      <searchType>EQUALS</searchType>
    </name>
  </queryParams>
</getModelIdentifiersRequest>
```

Element: getModelIdentifiersResponse

Description

A **getModelIdentifiersResponse** message contains an element of getModelIdentifiersResponseType.

Derived By

Type getModelIdentifiersResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entities in the request were processed.
FAILURE—None of the entities in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>modelIdentifiersDataListType</td><td>0..1</td><td>See modelIdentifiersDataListType.</td></tr>
</table>

Referenced By

Name	Type
getLicenseModelIdentifiers	Method

XML Example

The following XML fragment illustrates a successful **getModelIdentifiersResponse** message:

```
<getModelIdentifiersResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
```

XML Example


```
<responseData>
  <licenseModel>
    <licenseModelIdentifier>
      <uniqueId>HID-501</uniqueId>
      <primaryKeys>
        <name>Floating Counted</name>
      </primaryKeys>
    </licenseModelIdentifier>
    <licenseTechnology>
      <uniqueId>HID-100</uniqueId>
      <primaryKeys>
        <name>FLEXnet Licensing</name>
      </primaryKeys>
    </licenseTechnology>
    <attributeDetails>
      <needServerId>true</needServerId>
      <needNodeLockId>false</needNodeLockId>
      <needCount>true</needCount>
      <needOverdraftCount>true</needOverdraftCount>
    </attributeDetails>
  </licenseModel>
</responseData>
</getModelIdentifiersResponse>
```

Element: getPartNumberCountRequest

Description

A **getPartNumberCountRequest** message contains an element of getPartNumberCountRequestType.

Derived By

Type getPartNumberCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	partNumberQueryParametersType	0..1	Required. See partNumberQueryParametersType.

Referenced By

Name	Type
getPartNumberCount	Method

XML Example

The following XML fragment illustrates a **getPartNumberCountRequest** message:

```
<getPartNumberCountRequest>
  <queryParams>
    <unmappedWithProduct>true</unmappedWithProduct>
  </queryParams>
</getPartNumberCountRequest>
```

Element: getPartNumberCountResponse

Description

A **getPartNumberCountResponse** message contains an element of getPartNumberCountResponseType.

Derived By

Type getPartNumberCountResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>partNumberCountDataType</td><td>0..1</td><td>Contains an integer count element. See partNumberCountDataType.</td></tr>
</table>

Referenced By

Name	Type
getPartNumberCount	Method

XML Example

The following XML fragment illustrates a successful **getPartNumberCountResponse** message:

```
<getPartNumberCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <count>17</count>
  </responseData>
</getPartNumberCountResponse>
```

Element: getPartNumbersQueryRequest

Description

A **getPartNumbersQueryRequest** message contains an element of getPartNumbersQueryRequestType.

Derived By

Type getPartNumbersQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	partNumberQueryParametersType	0..1	Required. See partNumberQueryParametersType.
pageNumber	integer	1..1	Required. Starts at 1. Say the getPartNumberCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getPartNumbersQuery	Method

XML Example

The following XML fragment illustrates a **getPartNumbersQueryRequest** message:

```
<getPartNumbersQueryRequest>
  <queryParams>
    <productName>
      <value>Product A</value>
      <searchType>EQUALS</searchType>
    </productName>
    <licenseModel>
      <value>Floating Counted</value>
      <searchType>EQUALS</searchType>
    </licenseModel>
  </queryParams>
  <pageNumber>1</pageNumber>
  <batchSize>100</batchSize>
</getPartNumbersQueryRequest>
```

Element: getPartNumbersQueryResponse

Description

A **getPartNumbersQueryResponse** message contains an element of getPartNumbersQueryResponseType.

Derived By

Type getPartNumbersQueryResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the part numbers in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of part numbers was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the part numbers in the request were processed successfully. If the request was asynchronous, FAILURE</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>means that the import request of part numbers was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>partNumberDataListType</td><td>0..1</td><td>See partNumberDataListType.</td></tr>
</table>

Referenced By

Name	Type
getPartNumbersQuery	Method

XML Example

The following XML fragment illustrates a successful **getPartNumbersQueryResponse** message:

```
<getPartNumbersQueryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <partNumber>
      <partNumberIdentifier>
        <uniqueId>HID-20130</uniqueId>
        <primaryKeys>
          <partId>Part-22</partId>
        </primaryKeys>
      </partNumberIdentifier>
      <description xsi:nil="true"/>
      <creationDate>2008-01-04</creationDate>
      <lastModifiedDate>2008-01-04</lastModifiedDate>
      <mappedProduct>
        <uniqueId>HID-20093</uniqueId>
        <primaryKeys>
          <name>Product A</name>
          <version>1.0</version>
        </primaryKeys>
      </mappedProduct>
      <mappedLicenseModel>
        <uniqueId>HID-501</uniqueId>
        <primaryKeys>
          <name>Floating Counted</name>
        </primaryKeys>
      </mappedLicenseModel>
    </partNumber>
  </responseData>
</getPartNumbersQueryResponse>
```

Element: getProductCategoriesRequest

Description

A **getProductCategoriesRequest** message contains an element of getProductCategoriesRequestType.

Derived By

Type getProductCategoriesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
pageNumber	integer	0..1	The page number of the query results. The page number depends on the batch size and the number of records returned. Say the getProductCategories query returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Maximum number of records to return in the response.
returnContainedObjects	boolean	1..1	True or False.

Referenced By

Name	Type
getProductCategories	Method

XML Example

The following XML fragment illustrates a **getProductCategoriesRequest** message:

```
<getProductCategoriesRequest>
  <pageNumber>1</pageNumber>
  <batchSize>30b</batchSize>
  <returnContainedObjects>false</returnContainedObjects>
</getProductCategoriesRequest>
```

Element: getProductCategoriesResponse

Description

A **getProductCategoriesResponse** message contains an element of getProductCategoriesResponseType.

Derived By

Type getProductCategoriesResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All categories in the request were processed.
PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the categories in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getProductCategoriesResponseDataType</td><td>0..1</td><td>A getProductCategoriesResponse contains an array of responseData elements. See getProductCategoriesResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getProductCategories	Method

XML Example

The following XML fragment illustrates a successful **getProductCategoriesResponse** message:

```
<getProductCategoriesResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <productCategory>
      <name>ALL</name>
      <description>ALL.</description>
    </productCategory>
    <productCategory>
      <name>Uncategorized Products</name>
      <description>Uncategorized Products.</description>
    </productCategory>
    <productCategory>
      <name>CRM</name>
      <description>Customer Relationship Management Products</description>
    </productCategory>
  </responseData>
</getProductCategoriesResponse>
```

Element: getProductCountRequest

Description

A **getProductCountRequest** message contains an element of getProductCountRequestType.

Derived By

Type getProductCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	productQueryParameters Type	0..1	Required. See productQueryParametersType. Leave this element blank to return all products.

Referenced By

Name	Type
getProductCount	Method

XML Example

The following XML fragment illustrates a **getProductCountRequest** message:

```
<getProductCountRequest>
  <queryParams>
    <productName>
      <value>Product</value>
      <searchType>STARTS_WITH</searchType>
    </productName>
    <version>
      <value>1</value>
      <searchType>STARTS_WITH</searchType>
    </version>
  </queryParams>
</getProductCountRequest>
```

Element: getProductCountResponse

Description

A **getProductCountResponse** message contains an element of getProductCountResponseType.

Derived By

Type getProductCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>0..1</td><td>Contains an integer count element. See getCountResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getProductCount	Method

XML Example

The following XML fragment illustrates a successful **getProductCountResponse** message:

```
<getProductCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <count>1</count>
  </responseData>
</getProductCountResponse>
```

Element: getProductRelationshipsRequest

Description

A **getProductRelationshipsRequest** message contains an element of getProductRelationshipsRequestType.

Derived By

Type getProductRelationshipsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	Required. See productIdentifierType.

Referenced By

Name	Type
getProductRelationships	Method

XML Example

The following XML fragment illustrates a **getProductRelationshipsRequest** message:

```
<getProductRelationshipsRequest>
  <productIdentifier>
    <primaryKeys>
      <name>Product_basic</name>
      <version>1.0</version>
    </primaryKeys>
  </productIdentifier>
</getProductRelationshipsRequest>
```

Element: getProductRelationshipsResponse

Description

A **getProductRelationshipsResponse** message contains an element of getProductRelationshipsResponseType.

Derived By

Type getProductRelationshipsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All relationships in the request were processed.
PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the relationships in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>relationship</td><td>productRelationshipDataType</td><td>1..*</td><td>A getProductRelationshipsResponse contains an array of relationship elements. See productRelationshipDataType.</td></tr>
</table>

Referenced By

Name	Type
getProductRelationships	Method

XML Example

The following XML fragment illustrates a successful **getProductRelationshipsResponse** message:

```
<getProductRelationshipsResponse>
  <statusInfo>
```

XML Example


```
    <status>SUCCESS</status>
  </statusInfo>
  <relationship>
    <productToRelate>
      <primaryKeys>
        <name>Product_basic</name>
        <version>1.0</version>
      </primaryKeys>
    </productToRelate>
    <relatedProduct>
      <uniqueId>HID-100251</uniqueId>
      <primaryKeys>
        <name>Product_basic</name>
        <version>2.0</version>
      </primaryKeys>
    </relatedProduct>
    <relation>UPGRADE_TO</relation>
  </relationship>
</getProductRelationshipsResponse>
```

Element: getProductsQueryRequest

Description

A **getProductsQueryRequest** message contains an element of getProductsQueryRequestType.

Derived By

Type getProductsQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	productQueryParametersType	0..1	Required. See productQueryParametersType. Leave this element blank to return all products.
pageNumber	integer	1..1	Required. Starts at 1. Say the getProductCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
returnContainedObjects	boolean	1..1	Required. If true, return arrays of elements that are contained in the product.

Referenced By

Name	Type
getProductsQuery	Method

XML Example

The following XML fragment illustrates a **getProductsQueryRequest** message:

```
<getProductsQueryRequest>
  <queryParams>
    <productName>
      <value>Product</value>
      <searchType>STARTS_WITH</searchType>
    </productName>
    <version>
      <value>1</value>
      <searchType>STARTS_WITH</searchType>
    </version>
  </queryParams>
  <pageNumber>1</pageNumber>
  <batchSize>50</batchSize>
  <returnContainedObjects>false</returnContainedObjects>
</getProductsQueryRequest>
```

Element: getProductsQueryResponse

Description

A **getProductsQueryResponse** message contains an element of getProductsQueryResponseType.

Derived By

Type getProductsQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getProductsQueryResponseDataType</td><td>0..1</td><td>See getProductsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getProductsQuery	Method

XML Example

The following XML fragment illustrates a successful **getProductsQueryResponse** message:

```
<getProductsQueryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <product>
      <uniqueId>HID-100245</uniqueId>
      <productName>Product_basic</productName>
      <version>1.0</version>
      <description>Product_basic description</description>
      <state>DRAFT</state>
      <licenseTechnology>
        <uniqueId>HID-100</uniqueId>
        <primaryKeys>
          <name>FLEXnet Licensing</name>
        </primaryKeys>
      </licenseTechnology>
      <licenseGenerator>
        <uniqueId>HID-101</uniqueId>
        <primaryKeys>
          <name>demo</name>
        </primaryKeys>
      </licenseGenerator>
      <hostType>
        <name>Certificate or Trusted Host</name>
      </hostType>
      <usedOnDevice>false</usedOnDevice>
      <productCategory>Uncategorized Products</productCategory>
      <allowDownloadObsoleteFrInAdmin>false</allowDownloadObsoleteFrInAdmin>
      <allowDownloadObsoleteFrInPortal>false</allowDownloadObsoleteFrInPortal>
      <creationDate>2011-10-22T20:38:15.660Z</creationDate>
      <lastModifiedDate>2012-03-28T20:39:35.162Z</lastModifiedDate>
    </product>
  </responseData>
</getProductsQueryResponse>
```

Element: getTransactionKeyIdentifiersRequest

Description

A **getTransactionKeyIdentifiersRequest** message contains an element of getTransactionKeyIdentifiersRequestType.

Derived By

Type getTransactionKeyIdentifiersRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	identifierQueryParametersType	0..1	Required. See identifierQueryParametersType.

Referenced By

Name	Type
getTransactionKeyIdentifiers	Method

XML Example

The following XML fragment illustrates a **getTransactionKeyIdentifiersRequest** message that returns the IDs and names of all transaction keys:

```
<getTransactionKeyIdentifiersRequest>
</getTransactionKeyIdentifiersRequest>
```

The following XML fragment illustrates a **getTransactionKeyIdentifiersRequest** message that returns the names of all transaction keys whose names contain the string TK:

```
<getTransactionKeyIdentifiersRequest>
  <queryParams>
    <name>
      <value>TK</value>
      <searchType>CONTAINS</searchType>
    </name>
  </queryParams>
</getTransactionKeyIdentifiersRequest>
```

Element: getTransactionKeyIdentifiersResponse

Description

A **getTransactionKeyIdentifiersResponse** message contains an element of getTransactionKeyIdentifiersResponseType.

Derived By

Type getTransactionKeyIdentifiersResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entities in the request were processed.
FAILURE—None of the entities in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>transactionKeyIdentifiersDataListType</td><td>0..1</td><td>See transactionKeysIdentifiersDataListType.</td></tr>
</table>

Referenced By

Name	Type
getTransactionKeyIdentifiers	Method

XML Example

The following XML fragment illustrates a successful **getTransactionKeyIdentifiersResponse** message:

```
<getTransactionKeyIdentifiersResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
```

XML Example

```
    <responseData>
      <transactionKeyIdentifier>
        <uniqueId>HID-100047</uniqueId>
        <primaryKeys>
          <keyName>TK1</keyName>
        </primaryKeys>
      </transactionKeyIdentifier>
    </responseData>
  </getTransactionKeyIdentifiersResponse>
```

Element: getUniformSuiteCountRequest

Description

A **getUniformSuiteCountRequest** message contains an element of getUniformSuiteCountRequestType.

Derived By

Type getUniformSuiteCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	suiteQueryParametersType	0..1	Required. See suiteQueryParametersType. Leave this element blank to return all suites.

Referenced By

Name	Type
getUniformSuiteCount	Method

XML Example

The following XML fragment illustrates a **getUniformSuiteCountRequest** message:

```
<getUniformSuiteCountRequest>
  <queryParams>
    <suiteName>
      <value>S1</value>
      <searchType>EQUALS</searchType>
    </suiteName>
  </queryParams>
</getUniformSuiteCountRequest>
```

Element: getUniformSuiteCountResponse

Description

A **getUniformSuiteCountResponse** message contains an element of getUniformSuiteCountResponseType.

Derived By

Type getUniformSuiteCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getCountResponseDataType</td><td>0..1</td><td>Contains an integer count element.</td></tr>
</table>

Referenced By

Name	Type
getUniformSuiteCount	Method

XML Example

The following XML fragment illustrates a successful **getUniformSuiteCountResponse** message:

```
<getUniformSuiteCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <count>1</count>
  </responseData>
</getUniformSuiteCountResponse>
```

Element: getUniformSuitesQueryRequest

Description

A **getUniformSuitesQueryRequest** message contains an element of getUniformSuitesQueryRequestType.

Derived By

Type getUniformSuitesQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	suiteQueryParametersType	0..1	Required. See suiteQueryParametersType. Leave this element blank to return all suites.
pageNumber	integer	1..1	Required. Starts at 1. Say the getUniformSuiteCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
returnContainedObjects	boolean	1..1	Required. If true, return arrays of elements that are contained in the suite.

Referenced By

Name	Type
getUniformSuiteQuery	Method

XML Example

The following XML fragment illustrates a **getUniformSuitesQueryRequest** message:

```
<getUniformSuitesQueryRequest>
  <queryParams>
    <suiteName>
      <value>S10</value>
      <searchType>EQUALS</searchType>
    </suiteName>
    <version>
      <value>1.0</value>
      <searchType>EQUALS</searchType>
    </version>
  </queryParams>
  <pageNumber>1</pageNumber>
  <batchSize>10</batchSize>
  <returnContainedObjects>false</returnContainedObjects>
</getUniformSuitesQueryRequest>
```

Element: getUniformSuitesQueryResponse

Description

A **getUniformSuitesQueryResponse** message contains an element of getUniformSuitesQueryResponseType.

Derived By

Type getUniformSuitesQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUniformSuitesQueryResponseDataType</td><td>0..1</td><td>See getUniformSuitesQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUniformSuiteQuery	Method

XML Example

The following XML fragment illustrates a successful **getUniformSuitesQueryResponse** message:


```
<getUniformSuitesQueryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <uniformSuite>
      <uniqueId>HID-6</uniqueId>
      <suiteName>S10</suiteName>
      <version>1.0</version>
      <description>Suite_basic description</description>
      <state>DEPLOYED</state>
      <licenseTechnology>
        <uniqueId>HID-100</uniqueId>
        <primaryKeys>
          <name>FLEXnet Licensing</name>
        </primaryKeys>
      </licenseTechnology>
      <licenseGenerator>
        <uniqueId>HID-101</uniqueId>
        <primaryKeys>
          <name>demo</name>
        </primaryKeys>
      </licenseGenerator>
      <hostType>
        <name>Certificate or Trusted Host</name>
      </hostType>
      <usedOnDevice>false</usedOnDevice>
      <productCategory>Uncategorized Products</productCategory>
      <allowDownloadObsoleteFrInAdmin>false</allowDownloadObsoleteFrInAdmin>
      <allowDownloadObsoleteFrInPortal>false</allowDownloadObsoleteFrInPortal>
      <creationDate>2011-10-22T20:38:15.660Z</creationDate>
      <lastModifiedDate>2012-03-28T20:39:35.162Z</lastModifiedDate>
    </uniformSuite>
  </responseData>
</getUniformSuitesQueryResponse>
```

Element: getUsersForProductCategoryRequest

Description

A **getUsersForProductCategoryRequest** message contains an element of getUsersForProductCategoryRequestType.

Derived By

Type getUsersForProductCategoryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productCategory	productCategoryDataType	1..1	Required. See productCategoryDataType.

Referenced By

Name	Type
getUsersForProductCategory	Method

XML Example

The following XML fragment illustrates a **getUsersForProductCategoryRequest** message:

```
<getUsersForProductCategoryRequest>
  <productCategory>
    <name>Product_basic</name>
  </productCategory>
</getUsersForProductCategoryRequest>
```

Element: getUsersForProductCategoryResponse

Description

A **getUsersForProductCategoryResponse** message contains an element of getUsersForProductCategoryResponseType.

Derived By

Type getUsersForProductCategoryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All categories in the request were processed.
PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the categories in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>userData</td><td>getUsersForProductCategoryResponseDataType</td><td>0..1</td><td>A geUsersForProductCategoryResponseDataType contains an array of userData elements. See geUsersForProductCategoryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUsersForProductCategory	Method

XML Example

The following XML fragment illustrates a successful **getUsersForProductCategoryResponse** message:

```
<getUsersForProductCategoryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <userData>
    <user>
      <userName>admin</userName>
    </user>
    <user>
      <userName>p1admin</userName>
    </user>
    <user>
      <userName>pcuser</userName>
    </user>
  </userData>
</getUsersForProductCategoryResponse>
```

The following XML fragment illustrates a failed **getUsersForProductCategoryResponse** message:

```
<getUsersForProductCategoryResponse>
  <statusInfo>
    <status>FAILURE</status>
    <reason>There is no such Product Category with provided ID/Name!</reason>
  </statusInfo>
</getUsersForProductCategoryResponse>
```

Element: removeProductCategoriesFromAcctRequest

Description

A **removeProductCategoriesFromAcctRequest** message contains an element of handleProductCategoryToAcctRequestType.

Derived By

Type handleProductCategoryToAcctRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acct	accountIdentifierType	1..1	See accountIdentifierType.
productCategory	productCategoryDataType	1..*	An array of **productCategory** elements. See productCategoryDataType.

Referenced By

Name	Type
removeProductCategoriesFromAcct	Method

XML Example

The following XML fragment illustrates a **removeProductCategoriesFromAcctRequest** message:

```
<removeProductCategoriesFromAcctRequest>
  <acct>
    <primaryKeys>
      <name>PCPACCT</name>
    </primaryKeys>
  </acct>
  <productCategory>
    <name>CRM</name>
  </productCategory>
</removeProductCategoriesFromAcctRequest>
```

Element: removeProductCategoriesFromAcctResponse

Description

A **removeProductCategoriesFromAcctResponse** message contains an element of handleProductCategoryToAcctResponseType.

Removing each product category either succeeds or fails. No specific information is returned about categories.

Derived By

Type handleProductCategoryToAcctResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All categories in the request were processed. • PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the categories in the request were processed.
reason	string	Gives a reason for partial failure or failure.

Referenced By

Name	Type
removeProductCategoriesFromAcct	Method

XML Example

The following XML fragment illustrates a successful **removeProductCategoriesFromAcctResponse** message:

```
<removeProductCategoriesFromAcctResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</removeProductCategoriesFromAcctResponse>
```

Element: removeProductCategoriesFromUserRequest

Description

A **removeProductCategoriesFromUserRequest** message contains an element of handleProductCategoriesToUserRequestType.

Derived By

Type handleProductCategoriesToUserRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	1..1	See userIdentifierType.
productCategory	productCategoryDataType	1..*	An array of productCategory elements. See productCategoryDataType.

Referenced By

Name	Type
removeProductCategoriesFromUser	Method

XML Example

The following XML fragment illustrates a **removeProductCategoriesFromUserRequest** message:

```
<removeProductCategoriesFromUserRequest>
  <user>
    <primaryKeys>
      <firstName>John</firstName>
      <lastName>Smith</lastName>
      <emailAddress>jsmith@example.com</emailAddress>
    </primaryKeys>
  </user>
  <productCategory>
    <name>CRM</name>
  </productCategory>
</removeProductCategoriesFromUserRequest>
```

Element: removeProductCategoriesFromUserResponse

Description

A **removeProductCategoriesFromUserResponse** message contains an element of handleProductCategoriesToUserResponseType.

Derived By

Type handleProductCategoriesToUserResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All categories in the request were processed.
PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.
FAILURE—None of the categories in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Referenced By

Name	Type
removeProductCategoriesFromUser	Method

XML Example

The following XML fragment illustrates a successful **removeProductCategoriesFromUserResponse** message:

```
<removeProductCategoriesFromUserResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</removeProductCategoriesFromUserResponse>
```

Element: setFeatureBundleStateRequest

Description

A **setFeatureBundleStateRequest** message contains an element of setFeatureBundleStateRequestType.

Derived By

Type setFeatureBundleStateRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	featureBundleStateDataType	1..*	Required. A **setFeatureBundleState** request contains an array of **featureBundle** elements for which to change the state. See featureBundleStateDataType.

Referenced By

Name	Type
setFeatureBundleState	Method

XML Example

The following XML fragment illustrates a **setFeatureBundleStateRequest** message:

```
<setFeatureBundleStateRequest>
  <featureBundle>
    <featureBundleIdentifier>
      <primaryKeys>
        <name>FB_basic_count10</name>
      </primaryKeys>
    </featureBundleIdentifier>
    <stateToSet>INACTIVE</stateToSet>
  </featureBundle>
</setFeatureBundleStateRequest>
```

Element: setFeatureBundleStateResponse

Description

A **setFeatureBundleStateResponse** message contains an element of setFeatureBundleStateResponseType.

Derived By

Type setFeatureBundleStateResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All feature bundles in the request were processed.
PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the feature bundles in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFeatureBundleStateDataListType</td><td>0..1</td><td>Information about the feature bundles whose state was not set is listed in the failedData element. See failedFeatureBundleStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setFeatureBundleState	Method

XML Example

The following XML fragment illustrates an unsuccessful **setFeatureBundleStateResponse** message:

```
<setFeatureBundleStateResponse>
  <statusInfo>
    <status>FAILURE</status>
    <reason>All input data in the request failed. Please check the
          specific reasons in returned data.</reason>
  </statusInfo>
  <failedData>
    <failedFeatureBundle>
      <featureBundle>
        <featureBundleIdentifier>
          <primaryKeys>
            <name>FB_basic_count10</name>
          </primaryKeys>
        </featureBundleIdentifier>
        <stateToSet>INACTIVE</stateToSet>
      </featureBundle>
      <reason>Inactive state is invalid for feature bundle.
            # 5170-9511</reason>
    </failedFeatureBundle>
  </failedData>
</setFeatureBundleStateResponse>
```

Element: setFeatureStateRequest

Description

A **setFeatureStateRequest** message contains an element of setFeatureStateRequestType.

Derived By

Type setFeatureStateRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	featureStateDataType	1..*	Required. A **setFeatureStateRequest** contains an array of **feature** elements for which to change the state. See featureStateDataType.

Referenced By

Name	Type
setFeatureState	Method

XML Example

The following XML fragment illustrates a **setFeatureStateRequest** message:

```
<setFeatureStateRequest>
  <feature>
    <featureIdentifier>
      <primaryKeys>
        <name>Feature_add1</name>
        <version></version>
      </primaryKeys>
    </featureIdentifier>
    <stateToSet>DEPLOYED</stateToSet>
  </feature>
</setFeatureStateRequest>
```

Element: setFeatureStateResponse

Description

A **setFeatureStateResponse** message contains an element of setFeatureStateResponseType.

Derived By

Type setFeatureStateResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFeatureStateDataListType</td><td>0..1</td><td>Information about the features whose state was not set is listed in the failedData element. See failedFeatureStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setFeatureState	Method

XML Example

The following XML fragment illustrates a successful **setFeatureStateResponse** message:

```
<setFeatureStateResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</setFeatureStateResponse>
```

Element: setMaintenanceStateRequest

Description

A **setMaintenanceStateRequest** message contains an element of setMaintenanceStateRequestType.

Derived By

Type setMaintenanceStateRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	maintenanceStateDataType	1..*	Required. A **setMaintenanceState** request contains an array of **maintenance** elements for which to change the state. See maintenanceStateDataType.

Referenced By

Name	Type
setMaintenanceState	Method

XML Example

The following XML fragment illustrates a **setMaintenanceStateRequest** message:

```
<setMaintenanceStateRequest>
  <maintenance>
    <maintenanceIdentifier>
      <primaryKeys>
        <name>Maint_basic_updated</name>
        <version>1.1</version>
      </primaryKeys>
    </maintenanceIdentifier>
    <stateToSet>DEPLOYED</stateToSet>
  </maintenance>
</setMaintenanceStateRequest>
```

Element: setMaintenanceStateResponse

Description

A **setMaintenanceStateResponse** message contains an element of setMaintenanceStateResponseType.

Derived By

Type setMaintenanceStateResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedMaintenanceStateDataListType</td><td>0..1</td><td>Information about the maintenance products whose state was not set is listed in the failedData element. See failedMaintenanceStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setMaintenanceState	Method

XML Example

The following XML fragment illustrates a successful **setMaintenanceStateResponse** message:

```
<setMaintenanceStateResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</setMaintenanceStateResponse>
```

Element: setProductStateRequest

Description

A **setProductStateRequest** message contains an element of setProductStateRequestType.

Derived By

Type setProductStateRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productStateDataType	1..*	Required. A **setProductState** request contains an array of **product** elements for which to change the state. See productStateDataType.

Referenced By

Name	Type
setProductState	Method

XML Example

The following XML fragment illustrates a **setProductStateRequest** message:

```
<setProductStateRequest>
  <product>
    <productIdentifier>
      <primaryKeys>
        <name>Product_basic</name>
        <version>1.0</version>
      </primaryKeys>
    </productIdentifier>
    <stateToSet>DEPLOYED</stateToSet>
  </product>
</setProductStateRequest>
```

Element: setProductStateResponse

Description

A **setProductStateResponse** message contains an element of setProductStateResponseType.

Derived By

Type setProductStateResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedProductStateDataListType</td><td>0..1</td><td>Information about the products whose state was not set is listed in the failedData element. See failedProductStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setProductState	Method

XML Example

The following XML fragment illustrates a successful **setProductStateResponse** message:

```
<setProductStateResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</setProductStateResponse>
```

Element: setUniformSuiteStateRequest

Description

A **setUniformSuiteStateRequest** message contains an element of setUniformSuiteStateRequestType.

Derived By

Type setUniformSuiteStateRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
suite	uniformSuiteStateDataType	1..*	Required. A **setUniformSuiteState** request contains an array of suite elements for which to change the state. See uniformSuiteStateDataType.

Referenced By

Name	Type
setUniformSuiteState	Method

XML Example

The following XML fragment illustrates a **setUniformSuiteStateRequest** message:

```
<setUniformSuiteStateRequest>
  <suite>
    <suiteIdentifier>
      <primaryKeys>
        <name>UniformSuite_basic</name>
        <version>1.0</version>
      </primaryKeys>
    </suiteIdentifier>
    <stateToSet>DEPLOYED</stateToSet>
  </suite>
</setUniformSuiteStateRequest>
```

Element: setUniformSuiteStateResponse

Description

A **setUniformSuiteStateResponse** message contains an element of setUniformSuiteStateResponseType.

Derived By

Type setUniformSuiteStateResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUniformSuiteStateDataListType</td><td>0..1</td><td>Information about the suites whose state was not set is listed in the failedData element. See failedUniformSuiteStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setUniformSuiteState	Method

XML Example

The following XML fragment illustrates a successful **setUniformSuiteStateResponse** message:

```
<setUniformSuiteStateResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</setUniformSuiteStateResponse>
```

Element: updateFeatureBundleRequest

Description

An **updateFeatureBundleRequest** message contains an element of updateFeatureBundleRequestType.

Derived By

Type updateFeatureBundleRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	updateFeatureBundleDataType	1..*	Required. An **updateFeatureBundleRequest** contains an array of **featureBundle** elements to be modified. See updateFeatureBundleDataType.

Referenced By

Name	Type
updateFeatureBundle	Method

XML Example

The following XML fragment illustrates a **updateFeatureBundleRequest** message:

```
<updateFeatureBundleRequest>
  <featureBundle>
    <featureBundleIdentifier>
      <uniqueId>HID-100236</uniqueId>
    </featureBundleIdentifier>
    <description>Basic now contains Feature_add3</description>
    <features>
      <feature>
        <featureIdentifier>
          <primaryKeys>
            <name>Feature_add3</name>
            <version>1.0</version>
          </primaryKeys>
        </featureIdentifier>
        <count>10</count>
      </feature>
      <opType>ADD</opType>
    </features>
  </featureBundle>
</updateFeatureBundleRequest>
```

Element: updateFeatureBundleResponse

Description

An **updateFeatureBundleResponse** message contains an element of updateFeatureBundleResponseType.

Each feature bundle in the **updateFeatureBundleRequest** is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about feature bundles that were modified successfully.

Derived By

Type updateFeatureBundleResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All feature bundles in the request were processed. • PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the feature bundles in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Content Model

Component	Type	Occurs	Description
failedData	failedUpdateFeatureBundleDataListType	0..1	Information about the feature bundles that were not modified is listed in the **failedData** element. See failedUpdateFeatureBundleDataListType.

Referenced By

Name	Type
updateFeatureBundle	Method

XML Example

The following XML fragment illustrates an unsuccessful **updateFeatureBundleResponse** message (Feature_add8 does not exist):

```
<updateFeatureBundleResponse>
  <statusInfo>
    <status>FAILURE</status>
    <reason>All input data in the request failed.
          Please check the specific reasons in returned data.</reason>
  </statusInfo>
  <failedData>
    <failedFeatureBundle>
      <featureBundle>
        <featureBundleIdentifier>
          <uniqueId>HID-100016</uniqueId>
        </featureBundleIdentifier>
        <description>Now with A, B, C</description>
        <features>
          <feature>
            <featureIdentifier>
              <primaryKeys>
                <name>Feature_add8</name>
                <version>1.0</version>
              </primaryKeys>
            </featureIdentifier>
            <count>10</count>
          </feature>
          <opType>ADD</opType>
        </features>
      </featureBundle>
      <reason>Identifier Feature_add8 is invalid.</reason>
    </failedFeatureBundle>
  </failedData>
</updateFeatureBundleResponse>
```

Element: updateFeatureRequest

Description

An **updateFeatureRequest** message contains an element of updateFeatureRequestType.

Derived By

Type updateFeatureRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	updateFeatureDataType	1..*	Required. An **updateFeatureRequest** contains an array of **feature** elements to be modified. See updateFeatureDataType.

Referenced By

Name	Type
updateFeature	Method

XML Example

The following XML fragment illustrates a **updateFeatureRequest** message:

```
<updateFeatureRequest>
  <feature>
    <featureIdentifier>
      <primaryKeys>
        <name>Feature_toUpdate</name>
        <version></version>
      </primaryKeys>
    </featureIdentifier>
    <featureName>Feature_updated</featureName>
    <versionFormat>FIXED</versionFormat>
    <version>1.0</version>
    <description>Feature_updated desc</description>
  </feature>
</updateFeatureRequest>
```

Element: updateFeatureResponse

Description

An **updateFeatureRequest** message contains an element of updateFeatureRequestType.

Derived By

Type updateFeatureResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateFeatureDataListType</td><td>0..1</td><td>Contains one or more failedFeature elements. See failedUpdateFeatureDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateFeature	Method

XML Example

The following XML fragment illustrates a successful **updateFeatureResponse** message:

```
<updateFeatureResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</updateFeatureResponse>
```

Element: updateMaintenanceRequest

Description

An **updateMaintenanceRequest** message contains an element of updateMaintenanceRequestType.

Derived By

Type updateMaintenanceRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	updateMaintenanceDataType	1..*	Required. An **updateMaintenanceRequest** contains an array of **maintenance** elements to be modified. See updateMaintenanceDataType.

Referenced By

Name	Type
updateMaintenance	Method

XML Example

The following XML fragment illustrates a **updateMaintenanceRequest** message:

```
<updateMaintenanceRequest>
  <maintenance>
    <maintenanceIdentifier>
      <primaryKeys>
        <name>Maint_basic</name>
        <version>1.0</version>
      </primaryKeys>
    </maintenanceIdentifier>
    <name>Maint_basic_updated</name>
    <version>1.1</version>
    <description>Maint_basic_updated desc</description>
  </maintenance>
</updateMaintenanceRequest>
```

Element: updateMaintenanceResponse

Description

An **updateMaintenanceResponse** message contains an element of updateMaintenanceResponseType.

Each maintenance product in the **updateMaintenanceRequest** is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about maintenance products that were modified successfully.

Derived By

Type updateMaintenanceResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All maintenance products in the request were processed.
PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the maintenance products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedUpdateMaintenanceDataListType	0..1	Information about the maintenance products that were not modified is listed in the **failedData** element. See failedUpdateMaintenanceDataListType.

Referenced By

Name	Type
updateMaintenance	Method

XML Example

The following XML fragment illustrates a **updateMaintenanceResponse** message:

```
<updateMaintenanceResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</updateMaintenanceResponse>
```

Element: updateProductRelationshipRequest

Description

An **updateProductRelationshipRequest** message contains an element of updateProductRelationshipRequestType.

Derived By

Type updateProductRelationshipRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
relationship	updateProductRelationshipDataType	1..*	Required. An **updateProductRelationshipRequest** contains an array of **relationship** elements to be modified. See updateProductRelationshipDataType.

Referenced By

Name	Type
updateProductRelationship	Method

XML Example

The following XML fragment illustrates a **updateProductRelationshipRequest** message:

```
<updateProductRelationshipRequest>
  <relationship>
    <productToRelate>
      <primaryKeys>
        <name>P11</name>
        <version>1.0</version>
      </primaryKeys>
    </productToRelate>
    <relatedProduct>
      <primaryKeys>
        <name>P10</name>
        <version>1.0</version>
      </primaryKeys>
    </relatedProduct>
    <relation>UPGRADE_FROM</relation>
    <newRelation>UPSELL_FROM</newRelation>
  </relationship>
</updateProductRelationshipRequest>
```

Element: updateProductRelationshipResponse

Description

An **updateProductRelationshipResponse** message contains an element of updateProductRelationshipResponseType.

Each relationship in the **updateProductRelationshipRequest** is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about relationships that were modified successfully

Derived By

Type updateProductRelationshipResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All relationships in the request were processed. • PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE. • FAILURE—None of the relationships in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Content Model

Component	Type	Occurs	Description
failedData	failedUpdateProductRelationshipDataListType	0..1	Information about the relationships that were not modified is listed in the **failedData** element. See failedUpdateProductRelationshipDataListType.

Referenced By

Name	Type
updateProductRelationship	Method

XML Example

The following XML fragment illustrates a **updateProductRelationshipResponse** message:

```
<updateProductRelationshipResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</updateProductRelationshipResponse>
```

Element: updateProductRequest

Description

An **updateProductRequest** message contains an element of updateProductRequestType.

Derived By

Type updateProductRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	updateProductDataType	1..*	Required. An **updateProductRequest** contains an array of **product** elements to be modified. See updateProductDataType.

Referenced By

Name	Type
updateProduct	Method

XML Example

The following XML fragment illustrates a **updateProductRequest** message:

```
<updateProductRequest>
  <product>
    <productIdentifier>
      <primaryKeys>
        <name>Product_basic</name>
        <version>1.0</version>
      </primaryKeys>
    </productIdentifier>
    <licenseModels>
      <licenseModelIdentifiers>
        <primaryKeys>
          <name>Floating Counted</name>
        </primaryKeys>
      </licenseModelIdentifiers>
      <opType>DELETE</opType>
    </licenseModels>
  </product>
</updateProductRequest>
```

Element: updateProductResponse

Description

An **updateProductResponse** message contains an element of updateProductResponseType.

Each product in the **updateProductRequest** is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about products that were modified successfully.

Derived By

Type updateProductResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All products in the request were processed.
PARTIAL_FAILURE—Some, but not all products in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the products in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateProductDataListType</td><td>0..1</td><td>Information about the products that were not modified is listed in the failedData element. See failedUpdateProductDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateProduct	Method

XML Example

The following XML fragment illustrates a successful **updateProductResponse** message:

```
<updateProductResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</updateProductResponse>
```

Element: updateUniformSuiteRequest

Description

An **updateUniformSuiteRequest** message contains an element of updateUniformSuiteRequestType.

Derived By

Type updateUniformSuiteRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniformSuite	updateUniformSuiteDataType	1..*	Required. An **updateUniformSuiteRequest** contains an array of **uniformSuite** elements to be modified. See updateUniformSuiteDataType.

Referenced By

Name	Type
updateUniformSuite	Method

XML Example

The following XML fragment illustrates a **updateUniformSuiteRequest** message:

```
<updateUniformSuiteRequest>
  <uniformSuite>
    <suiteIdentifier>
      <primaryKeys>
        <name>S1</name>
        <version>1.0</version>
      </primaryKeys>
    </suiteIdentifier>
    <description>Desc of S1</description>
    <productAttributes>
      <attribute>
        <attributeName>PROD_NUM</attributeName>
        <integerValue>5</integerValue>
      </attribute>
    </productAttributes>
  </uniformSuite>
</updateUniformSuiteRequest>
```

Element: updateUniformSuiteResponse

Description

An **updateUniformSuiteResponse** message contains an element of updateUniformSuiteResponseType.

Each suite in the **updateUniformSuiteRequest** is modifed as an atomic unit; modifying each either succeeds or fails. No specific information is returned about suites that were modified successfully.

Derived By

Type updateUniformSuiteResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All suites in the request were processed.
PARTIAL_FAILURE—Some, but not all suites in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the suites in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateUniformSuiteDataListType</td><td>0..1</td><td>Information about the suites that were not modified is listed in the failedData element. See failedUpdateUniformSuiteDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateUniformSuite	Method

XML Example

The following XML fragment illustrates a **updateUniformSuiteResponse** message:

```
<updateUniformSuiteResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
</updateUniformSuiteResponse>
```

EntitlementOrderService Web Service

Description

Web service to create, update, delete, count and query entitlements.

Introduction

The Entitlement Order service facilitates the integration of your ERP/CRM system with FlexNet Operations by creating regular and bulk entitlements.

Methods: EntitlementOrderService

Methods

Name	Description
createBulkEntitlement	The **createBulkEntitlement** operation creates one or more bulk entitlements. To use the Entitlement Order service to create an entitlement, there must be deployed products and license models in the FlexNet Operations database, and there must be accounts in the FlexNet Operations database. You must provide any entitlement-time data that are required by the specified license model.

createEntitlementLineItem	The **createEntitlementLineItem** operation adds one or more entitlement line items to a simple entitlement.
	You can specify an activation ID using **createEntitlementLineItem**.
	EXAMPLE
	`<urn:lineItems>`
	`<urn:activationId>`
	`<!--Optional:-->`
	`<!--type: string-->`
	`<urn:id>quae divum incedo</urn:id>`
	`<!--Optional:-->`
	`<!--type: boolean-->`
	`<urn:autoGenerate>true</urn:autoGenerate>`
	`</urn:activationId>`
	
	In this example, **autoGenerate** is **true** or **false**. If you specify **false,** it means you need to pass the ID value of the activation ID (which is the custom activation ID).
	An activation ID must meet the following requirements:
	• Maximum 255 characters
	• Must not be empty
	• Must be unique
	• Invalid characters are:
	, " & % ^ ( ) # @ ! ~ / < > ` } { = | .

Methods

Name	Description

createSimpleEntitlement	The **createSimpleEntitlement** operation creates one or more simple entitlements. To use the Entitlement Order service to create an entitlement:
	• There must be deployed products and license models in the FlexNet Operations database.
	• There must be accounts in the FlexNet Operations database.
	• You must provide any entitlement-time data that are required by the specified license model.
	Note: *Using the createSimpleEntitlement operation, it is possible to create a simple entitlement with no line items. Such an entitlement cannot be created through the Administrative Console. One created with web services will not appear in the Administrative Console, though it is saved in the FlexNet Operations database. Therefore, avoid using the createSimpleEntitlement operation to* create *an entitlement with no line items or with only maintenance items.*
	You can specify an activation ID using **createSimpleEntitlement**.
	EXAMPLE
	`<urn:lineItems>`
	`<urn:activationId>`
	`<!--Optional:-->`
	`<!--type: string-->`
	`<urn:id>quae divum incedo</urn:id>`
	`<!--Optional:-->`
	`<!--type: boolean-->`
	`<urn:autoGenerate>true</urn:autoGenerate>`
	`</urn:activationId>`
	In this example, **autoGenerate** is **true** or **false**. If you specify **false,** it means you need to pass the ID value of the activation ID (which is the custom activation ID).
	An activation ID must meet the following requirements:
	• Maximum 255 characters
	• Must not be empty
	• Must be unique
	• Invalid characters are:
	, " & % ^ ( ) # @ ! ~ / < > ` } { = | .

Methods

Name	Description
createWebRegKey	The **createWebRegKey** operation adds one or more web register keys to one or more bulk entitlements, either asynchronously or synchronously. By default, web register key creation is asynchronous. To use the Entitlement Order service to load web register keys: There must be bulk entitlements in the FlexNet Operations database. If web register keys are going to be imported asynchronously, the **Importing Bulk Entitlement Web Register Keys** alert must be configured. See the FlexNet Operations Online Help for instructions. Before checking whether the web register keys were really added, wait until after the import has triggered. With synchronous processing, the Web services client will be blocked until the request is completely processed. Therefore, use synchronous processing to load only for small numbers of web register keys at a time. The **Importing Bulk Entitlement Web Register Keys** alert does not have to be configured to load web register keys synchronously.
deleteEntitlement	The **deleteEntitlement** operation deletes one or more entitlements.
deleteEntitlementLineItem	The **deleteEntitlementLineItem** operation deletes one or more line items.
deleteMaintenanceLineItem	The **deleteMaintenanceLineItem** operation deletes one or more maintenance line items. A maintenance item cannot be deleted if it is linked to another line item or is deployed
deleteWebRegKey	The **deleteWebRegKey** operation deletes one or more unredeemed web register keys from one or more bulk entitlements. To use the Entitlement Order service to delete web register keys there must be unredeemed web register keys in the FlexNet Operations database.
emailActivatableItem	The **emailActivatableItem** operation sends an entitlement certificate for a single activatable item via email. To send an entitlement certificate for an activatable item as an email attachment using the Entitlement Order service: • Configure the from-address for the entitlement email. See the*FlexNet Operations Installation Guide.* • Customize the entitlement email template and entitlement certificate template, if necessary. See the *FlexNet Operations Producer Portal Help Guide*. • An activation ID for an activatable item must exist in the database. • At least one email address must be provided. When an email template is specified when creating or updating an entitlement, that template will be given preference in sending the email. If no email template is specified, the template configured for the license technology will be selected. If no email template is configured for the license technology, then the default email template will be selected. However, if the selected template is not active or if the send indicator is not switched on, no email will be sent.

Methods

Name	Description
emailEntitlement	The **emailEntitlement** operation sends an entitlement certificate via email. To send an entitlement certificate as an email attachment using the Entitlement Order service: • Configure the from-address for the entitlement email. See the *FlexNet Operations Installation Guide*. • Customize the entitlement email template and entitlement certificate template, if necessary. See the *FlexNet Operations Producer Portal Help Guide*. • An ID for an entitlement must exist in the database. • At least one email address must be provided. When an email template is specified when creating or updating an entitlement, that template will be given preference in sending the email. If no email template is specified, the template configured for the license technology will be selected. If no email template is configured for the license technology, then the default email template will be selected. However, if the selected template is not active or if the send indicator is not switched on, no email will be sent.
getActivatableItemCount	The **getActivatableItemCount** operation returns the number of activatable line items that match specified criteria.
getActivatableItemsQuery	The **getActivatableItemsQuery** operation returns the activatable line items that match specified criteria. ***Note:*** *This operation does not return maintenance line items.*
getBulkEntitlementCount	The **getBulkEntitlementCount** operation returns the number of bulk entitlements that match specified criteria.
getBulkEntitlementPropertiesQuery	The **getBulkEntitlementPropertiesQuery** operation returns the bulk entitlement details that match specified criteria.
getEntitlementAttributesFromModel	The **getEntitlementAttributesFromModel** operation returns all the license model attributes for the specified model that must be specified at the time the entitlement is created.
getEntitlementCount	The **getEntitlementCount** operation returns the number of entitlements that match specified criteria.

Methods

Name	Description
getEntitlementLineItemPropertiesQuery	The **getEntitlementLineItemPropertiesQuery** operation returns all entitlement line items and web register keys based on the provided search criteria, including draft entries. This operation works similarly to the operation getActivatableItemsQuery. However, the response from getEntitlementLineItemPropertiesQuery is highly configurable. You can use it to select only the data you need in a given response. ***Note:*** *With this query, maintenance line items will not be returned if the product type Maintenance is used in the search criteria. Associated maintenance line items can be obtained by using the new response configuration element maintenance.* *Use caution when crafting queries that may return excessive numbers of responses. The following error, ORA-01795: maximum number of expressions in a list is 1000, has be seen when performing searches via FlexNet Operations landing pages or web service queries when:* 1. *FlexNet Operations is connected to an Oracle database* 2. *Certain types of searches in the UI or web services return > 1000 items, for example, the entitlements or line item landing pages and getEntitlementsQuery or getEntitlementLineItemPropertiesQuery.* *If the error is seen in the FlexNet Operations UI, consider setting the Entitlement Records per Page and Line Items Page Size per Entitlement settings to 1000 or less. If the error is seen in a web service query, set the batch size to 1000 or less and page through the results.*
getEntitlementMaintenanceLineItemPropertiesQuery	The **getEntitlementMaintenanceLineItemPropertiesQuery** operation returns matching maintenance lines that satisfy the search query.
getEntitlementsQuery	The **getEntitlementsQuery** operation returns the entitlements that match specified criteria. The response data is sorted by the most recent line item. ***Tip:*** *For more optimal memory usage, consider using* ***getActivatableItemsQuery*** *instead of* ***getEntitlementsQuery*** *to retrieve policy information for a particular line item.* ***getActivatableItemsQuery*** *loads only the information for the specified activation while* ***getEntitlementsQuery*** *loads information for the all the activations for a given* ***EntitlementID****. See* getActivatableItemsQuery.
getExactAvailableCount	The **getExactAvailableCount** operation provides the exact, current available count for a specified line item. This operation allows users to obtain a potentially more precise count than those available in the administrative console UI or via other web service operations. The FlexNet Operations UI and other web service operations do not evaluate the count of available copies when an upgrade is created. Therefore it is possible to create an upgrade count that exceeds the number of available copies; however, the count is evaluated at fulfillment time. On fulfillment, upgrades that exceed the available count are rejected. To avoid errors at fulfillment time, users may use getExactAvailableCount, which returns exact number of copies available for an upgrade fulfillment, for example, without having to return any previous fulfillments.

Methods

Name	Description
getMatchingBulkEnts	The **getMatchingBulkEnts** operation returns bulk entitlements suitable to receive the web register keys from a splitBulkEntitlement operation. The getMatchingBulkEnts operation searches for bulk entitlements with the target account in the target tier that match the bulk entitlement you want to split. Any bulk entitlement returned by this operation can receive the web register keys as the result of the split operation. To be considered a match, the bulk entitlement that is the target of the split must share the following attributes with the bulk entitlement that is the source of the split: • Orderable • License model • License term (permanent, expiration date, duration) • Version date details (options, date, duration) • Line item state • License model policies • License model attributes
getMatchingLineItems	The **getMatchingLineItems** operation returns line items suitable to receive the count from a **splitLineItem** operation. The **getMatchingLineItems** operation searches for entitlement line items in entitlements with the target account in the target tier that match the line item you want to split. Any line item returned by this operation can receive the counts as the result of the split operation. To be considered a matching line item, the line item that is the target of the split must share the following attributes with the line item that is the source of the split: • Orderable • License model • License term (permanent, expiration date, duration) • Version date details (options, date, duration) • Line item state • License model policies • License model attributes ***Note:*** *If the source line item has a parent line item, then the entire ancestor tree is scanned to ensure that the parent line items of the target line item also match.*
getStateChangeHistory	The **getStateChangeHistory** operation gets the state change history of one or more features, feature bundles, products, license models, or entitlements.

Methods

Name	Description
getWebRegKeyCount	The **getWebRegKeyCount** operation returns the number of web register keys associated with a specified bulk entitlement.
getWebRegKeysQuery	The **getWebRegKeysQuery** operation returns the part numbers that match specified criteria.
linkMaintenanceLineItem	The **linkMaintenanceLineItem** operation is used to link a maintenance line item to a licensed product line item. As in the Administrative Console, there does not need to be an explicitly specified product-maintenance relationship between the licensed product and maintenance product on these line items.
mapEntitlementsToUser	The **mapEntitlementsToUser** operation maps one or more entitlement IDs or activation IDs to a self-registered Portal user or maps one or more web register keys to a user from a customer account. To use the Entitlement Order service to map entitlement IDs or activation IDs to a user, there must be entitlements in the FlexNet Operations database as well as a self-registered Portal user or customer user in the FlexNet Operations database.
mergeEntitlements	The **mergeEntitlements** operation merges assets of one account with those of another account. The following types of assets can be merged: • Entitlements and fulfillments—The state of the transferred entitlements and fulfillments are preserved during the merge. • Users
renewLicense	The **renewLicense** operation renews one or more entitlement line items.
replaceEntitlementLineItem	The **replaceEntitlementLineItem** operation replaces one or more entitlement line items.
setEntitlementState	The **setEntitlementState** operation sets the state of one or more entitlements.
setLineItemState	The **setLineItemState** operation sets the state of one or more entitlement line items.
setMaintenanceLineItemState	The **setMaintenanceLineItemState** operation sets the state of a maintenance line item.
splitBulkEntitlement	The **splitBulkEntitlement** operation assigns a specified number of unredeemed web register keys to a related account in a different distribution tier. The web register keys that are split can be transfered to: • A compatible existing bulk entitlement (transfers the web register keys to that bulk entitlement). • An existing line item that has been redeemed from a compatible web register key (adds the counts from the transferred web register keys to the count of the line item). • A new bulk entitlement. Only publisher users, or channel partner users with sufficient privileges in the account that is the current owner, can perform a splitBulkEntitlement operation. ***Note:*** *You cannot control the specific web register keys that splitBulkEntitlement transfers.*

Methods

Name	Description
splitLineItem	The **splitLineItem** operation assigns some portion of an entitlement line item's count from the current owner to a related account in a different distribution tier. This operation can either increase the count of an existing entitlement line item at the target account or create a new entitlement, if no matching entitlements exist at the target account. Only publisher users, or channel partner users with sufficient privileges in the account that is the current owner, can perform a **splitLineItem** operation. ***Note:*** *When a line item associated with a maintenance is split, the maintenance is also split. Likewise, when a new entitlement is created as the result of a split, a new maintenance is created and associated with the new entitlement.*
transferEntitlement	The **transferEntitlement** operation transfers one or more entitlements to an account different from the original sold-to account. Entitlements cannot be transferred if there are active fulfillments against the entitlement. During the transfer operation, active fulfillments can be returned and new entitlement and activation IDs can be auto-generated. Entitlements are in the draft state after they are transferred.
transferLineItem	The **transferLineItems** operation transfers one or more entitlement line items from one entitlement to another existing entitlement. Entitlement line items cannot be transferred if there are active fulfillments against them. During the transfer operation, active fulfillments can be returned and new activation IDs can be auto-generated.
unlinkMaintenanceLineItem	The **unlinkMaintenanceLineItem** operation removes the link between a maintenance line item and a licensed product line item.
updateBulkEntitlement	The **updateBulkEntitlement** operation modifies one or more bulk entitlements.
updateEntitlementLineItem	The **updateEntitlementLineItem** updates one or more entitlement line items.
updateSimpleEntitlement	The **updateSimpleEntitlement** operation modifies one or more simple entitlements.
upgradeLicense	The **upgradeLicense** operation upgrades one or more entitlement line items.
upsellLicense	The **upsellLicense** operation upsells one or more entitlement line items. See upgradeLicense.

Method: createBulkEntitlement

Description

The **createBulkEntitlement** operation creates one or more bulk entitlements. To use the Entitlement Order service to create an entitlement, there must be deployed products and license models in the FlexNet Operations database, and there must be accounts in the FlexNet Operations database. You must provide any entitlement-time data that are required by the specified license model.

Parameters

Name	Type	Direction	Description
msgparameters	createBulkEntitlementRequestType	Input	

Returns

A createBulkEntitlementResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedBulkEntitlementDataListType</td><td>Information about the entitlements that were not added is listed in the failedData element. See failedBulkEntitlementDataListType.</td></tr>
<tr><td>responseData</td><td>createdBulkEntitlementDataListType</td><td>Information about the entitlements that were added is listed in the responseData element. See createdBulkEntitlementDataListType.</td></tr>
</table>

Method: createEntitlementLineItem

Description

The **createEntitlementLineItem** operation adds one or more entitlement line items to a simple entitlement.

You can specify an activation ID using **createEntitlementLineItem**.

EXAMPLE

```
<urn:lineItems>
  <urn:activationId>
    <!--Optional:-->
    <!--type: string-->
    <urn:id>quae divum incedo</urn:id>
    <!--Optional:-->
    <!--type: boolean-->
    <urn:autoGenerate>true</urn:autoGenerate>
  </urn:activationId>
```

In this example, **autoGenerate** is **true** or **false**. If you specify **false,** it means you need to pass the ID value of the activation ID (which is the custom activation ID).

An activation ID must meet the following requirements:

- Maximum 255 characters
- Must not be empty
- Must be unique
- Invalid characters are:

, " & % ^ ( ) # @ ! ~ / < > ` } { = | .

Parameters

Name	Type	Direction	Description
msgparameters	addOnlyEntitlementLineItemRequestType	Input	

Returns

A createEntitlementLineItemResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—All items in the request were processed.
• PARTIAL_FAILURE—Some, but not all items in the request were processed.
• FAILURE—None of the items in the request were processed.
If the opType is CREATE_OR_IGNORE, then, the operation finds out if the line item was present – if present, it ignores the line item and proceeds with the next line item. If the line item was not present, it will create that item. All items that are ignored will be copied to the responseData of the response.
If the opType is CREATE_OR_UPDATE, then the operation updates the line item if present, otherwise creates it.
Note: A line item request cannot succeed in the absence of an entitlement request.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedAddEntitlementLineItemDataListType</td><td>See failedAddEntitlementLineItemDataListType.</td></tr>
<tr><td>responseData</td><td>addedEntitlementLineItemDataListType</td><td>See addedEntitlementLineItemDataListType.</td></tr>
</table>

Method: createSimpleEntitlement

Description

The **createSimpleEntitlement** operation creates one or more simple entitlements. To use the Entitlement Order service to create an entitlement:

- There must be deployed products and license models in the FlexNet Operations database.
- There must be accounts in the FlexNet Operations database.
- You must provide any entitlement-time data that are required by the specified license model.

Note: *Using the createSimpleEntitlement operation, it is possible to create a simple entitlement with no line items. Such an entitlement cannot be created through the Administrative Console. One created with web services will not appear in the Administrative Console, though it is saved in the FlexNet Operations database. Therefore, avoid using the createSimpleEntitlement operation to* create *an entitlement with no line items or with only maintenance items.*

You can specify an activation ID using **createSimpleEntitlement**.

EXAMPLE

```
<urn:lineItems>
  <urn:activationId>
    <!--Optional:-->
    <!--type: string-->
    <urn:id>quae divum incedo</urn:id>
    <!--Optional:-->
    <!--type: boolean-->
    <urn:autoGenerate>true</urn:autoGenerate>
  </urn:activationId>
```

In this example, **autoGenerate** is **true** or **false**. If you specify **false,** it means you need to pass the ID value of the activation ID (which is the custom activation ID).

An activation ID must meet the following requirements:

- Maximum 255 characters
- Must not be empty
- Must be unique
- Invalid characters are:

, " & % ^ ( ) # @ ! ~ / < > ` } { = | .

Parameters

Name	Type	Direction	Description
msgparameters	[createSimpleEntitlementRequestType](#)	Input	

Returns

A createSimpleEntitlementResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—All items in the request were processed.
• PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
• FAILURE—None of the items in the request were processed.
When the opType is either CREATE_OR_UPDATE or CREATE_OR_IGNORE, the Entitlement response and the Line Item response together result in the final response.
• Both the Entitlement response and the Line Item response must be a success for the final result to be a success.
• If one is a success and the other is a failure, the final result is a failure.
• If one is a partial failure and one is a failure, the final result is a failure.
Note: A line item request cannot succeed in the absence of an entitlement request.</td></tr>
</table>
</td></tr>
</table>

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td></td><td></td><td><table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table></td></tr>
<tr><td>failedData</td><td>failedSimpleEntitlementDataListType</td><td>Information about the entitlements that were not added is listed in the failedData element. See failedSimpleEntitlementDataListType.</td></tr>
<tr><td>responseData</td><td>createdSimpleEntitlementDataListType</td><td>Information about the entitlements that were added is listed in the responseData element. See createdSimpleEntitlementDataListType.</td></tr>
</table>

Method: createWebRegKey

Description

The **createWebRegKey** operation adds one or more web register keys to one or more bulk entitlements, either asynchronously or synchronously. By default, web register key creation is asynchronous. To use the Entitlement Order service to load web register keys:

There must be bulk entitlements in the FlexNet Operations database.

If web register keys are going to be imported asynchronously, the **Importing Bulk Entitlement Web Register Keys** alert must be configured. See the FlexNet Operations Online Help for instructions. Before checking whether the web register keys were really added, wait until after the import has triggered. With synchronous processing, the Web services client will be blocked until the request is completely processed. Therefore, use synchronous processing to load only for small numbers of web register keys at a time. The **Importing Bulk Entitlement Web Register Keys** alert does not have to be configured to load web register keys synchronously.

Parameters

Name	Type	Direction	Description
msgparameters	addWebRegKeyRequestType	Input	

Returns

A addWebRegKeyResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Returns

Name	Type	Description
responseData	webRegKeyDataListType	Information about the web register keys that were added is listed in the **responseData** element. See webRegKeyDataListType. Not populated for asynchronous requests or for requests in which the web register keys are not autogenerated.
failedData	failedAddWebRegKeyDataListType	Information about the web register keys that were not added is listed in the **failedData** element. See failedAddWebRegKeyDataListType. Not populated for asynchronous requests or for requests in which the web register keys are autogenerated.

Method: deleteEntitlement

Description

The **deleteEntitlement** operation deletes one or more entitlements.

Parameters

Name	Type	Direction	Description
msgparameters	deleteEntitlementRequestType	Input	

Returns

A deleteEntitlementResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedDeleteEntitlementDataListType	Information about the entitlements that were not deleted is listed in the failedData element. See failedDeleteEntitlementDataListType.

Method: deleteEntitlementLineItem

Description

The **deleteEntitlementLineItem** operation deletes one or more line items.

Parameters

Name	Type	Direction	Description
msgparameters	removeEntitlementLineItemRequestType	Input	

Returns

A removeEntitlementLineItemResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRemoveEntitlementLineItemDataListType</td><td>Information about the entitlements that were not deleted is listed in the failedData element. See failedRemoveEntitlementLineItemDataListType.</td></tr>
</table>

Method: deleteMaintenanceLineItem

Description

The **deleteMaintenanceLineItem** operation deletes one or more maintenance line items. A maintenance item cannot be deleted if it is linked to another line item or is deployed

Parameters

Name	Type	Direction	Description
msgparameters	deleteMaintenanceLineItemRequestType	Input	

Returns

A deleteMaintenanceLineItemResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedDeleteMaintenanceLineItemDataListType	Information about the maintenance line items that were not deleted is listed in the failedData element. See failedDeleteMaintenanceLineItemDataListType.

Method: deleteWebRegKey

Description

The **deleteWebRegKey** operation deletes one or more unredeemed web register keys from one or more bulk entitlements. To use the Entitlement Order service to delete web register keys there must be unredeemed web register keys in the FlexNet Operations database.

Parameters

Name	Type	Direction	Description
msgparameters	deleteWebRegKeyRequestType	Input	

Returns

A deleteWebRegKeyResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Returns

Name	Type	Description
failedData	failedDeleteWebRegKeyList Type	Information about the web register keys that were not deleted is listed in the failedData element. See failedDeleteWebRegKeyListType.

Method: emailActivatableItem

Description

The **emailActivatableItem** operation sends an entitlement certificate for a single activatable item via email. To send an entitlement certificate for an activatable item as an email attachment using the Entitlement Order service:

- Configure the from-address for the entitlement email. See the*FlexNet Operations Installation Guide.*
- Customize the entitlement email template and entitlement certificate template, if necessary. See the *FlexNet Operations Producer Portal Help Guide*.
- An activation ID for an activatable item must exist in the database.
- At least one email address must be provided.

When an email template is specified when creating or updating an entitlement, that template will be given preference in sending the email. If no email template is specified, the template configured for the license technology will be selected. If no email template is configured for the license technology, then the default email template will be selected. However, if the selected template is not active or if the send indicator is not switched on, no email will be sent.

Parameters

Name	Type	Direction	Description
msgparameters	emailActivatableItemRequestType	Input	

Returns

A emailActivatableItemResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Method: emailEntitlement

Description

The **emailEntitlement** operation sends an entitlement certificate via email. To send an entitlement certificate as an email attachment using the Entitlement Order service:

- Configure the from-address for the entitlement email. See the *FlexNet Operations Installation Guide*.
- Customize the entitlement email template and entitlement certificate template, if necessary. See the *FlexNet Operations Producer Portal Help Guide*.
- An ID for an entitlement must exist in the database.
- At least one email address must be provided.

When an email template is specified when creating or updating an entitlement, that template will be given preference in sending the email. If no email template is specified, the template configured for the license technology will be selected. If no email template is configured for the license technology, then the default email template will be selected. However, if the selected template is not active or if the send indicator is not switched on, no email will be sent.

Parameters

Name	Type	Direction	Description
msgparameters	emailEntitlementRequestType	Input	

Returns

A emailEntitlementResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Method: getActivatableItemCount

Description

The **getActivatableItemCount** operation returns the number of activatable line items that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getActivatableItemCountRequestType	Input	

Returns

A getActivatableItemCountResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
count	integer	Number of activatable items that matched the specified criteria.

Method: getActivatableItemsQuery

Description

The **getActivatableItemsQuery** operation returns the activatable line items that match specified criteria.

Note: *This operation does not return maintenance line items.*

Parameters

Name	Type	Direction	Description
msgparameters	searchActivatableItemRequestType	Input	

Returns

A searchActivatableItemResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>activatableItem</td><td>activatableItemDetailType</td><td>See activatableItemDetailType.</td></tr>
</table>

Method: getBulkEntitlementCount

Description

The **getBulkEntitlementCount** operation returns the number of bulk entitlements that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getBulkEntitlementCountRequestType	Input	

Returns

A getBulkEntitlementCountResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>count</td><td>integer</td><td>Number of bulk entitlements matching the specified criteria.</td></tr>
</table>

Method: getBulkEntitlementPropertiesQuery

Description

The **getBulkEntitlementPropertiesQuery** operation returns the bulk entitlement details that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getBulkEntitlementPropertiesRequestType	Input	

Returns

A getBulkEntitlementPropertiesResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>bulkEntitlement</td><td>bulkEntitlementPropertiesType</td><td>See bulkEntitlementPropertiesType.</td></tr>
</table>

Method: getEntitlementAttributesFromModel

Description

The **getEntitlementAttributesFromModel** operation returns all the license model attributes for the specified model that must be specified at the time the entitlement is created.

Parameters

Name	Type	Direction	Description
msgparameters	getEntitlementAttributesRequestType	Input	

Returns

A getEntitlementAttributesResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlementAttributes</td><td>attributeMetaDescriptorDataType</td><td>A list of license model attributes that are set at entitlement time are contained in the entitlementAttributes element. See attributeMetaDescriptorDataType.</td></tr>
<tr><td>policyAttributes</td><td>policyAttributesDataType</td><td>A list of policy attributes that are set at entitlement time are contained in the policyAttributes element. See policyAttributesDataType.</td></tr>
<tr><td>needTimeZone</td><td>boolean</td><td>True if the license model includes the TZ keyword and allows it to be set at entitlement time; otherwise, false.</td></tr>
</table>

Method: getEntitlementCount

Description

The **getEntitlementCount** operation returns the number of entitlements that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getEntitlementCountRequestType	Input	

Returns

A getEntitlementCountResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>count</td><td>integer</td><td>Number of entitlements matching the specified criteria.</td></tr>
</table>

Method: getEntitlementLineItemPropertiesQuery

Description

The **getEntitlementLineItemPropertiesQuery** operation returns all entitlement line items and web register keys based on the provided search criteria, including draft entries.

This operation works similarly to the operation getActivatableItemsQuery. However, the response from getEntitlementLineItemPropertiesQuery is highly configurable. You can use it to select only the data you need in a given response.

Note: *With this query, maintenance line items will not be returned if the product type Maintenance is used in the search criteria. Associated maintenance line items can be obtained by using the new response configuration element maintenance.*

Use caution when crafting queries that may return excessive numbers of responses. The following error, ORA-01795: maximum number of expressions in a list is 1000, has be seen when performing searches via FlexNet Operations landing pages or web service queries when:

1. *FlexNet Operations is connected to an Oracle database*
2. *Certain types of searches in the UI or web services return > 1000 items, for example, the entitlements or line item landing pages and getEntitlementsQuery or getEntitlementLineItemPropertiesQuery.*

If the error is seen in the FlexNet Operations UI, consider setting the Entitlement Records per Page and Line Items Page Size per Entitlement settings to 1000 or less. If the error is seen in a web service query, set the batch size to 1000 or less and page through the results.

Parameters

Name	Type	Direction	Description
msgparameters	searchEntitlementLineItemPropertiesRequestType	Input	

Returns

A searchEntitlementLineItemPropertiesResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlementLineItem</td><td>entitlementLineItemPropertiesType</td><td>See entitlementLineItemPropertiesType.</td></tr>
</table>

Method: getEntitlementMaintenanceLineItemPropertiesQuery

Description

The **getEntitlementMaintenanceLineItemPropertiesQuery** operation returns matching maintenance lines that satisfy the search query.

Parameters

Name	Type	Direction	Description
msgparameters	searchEntitlementMaintenanceLineItemPropertiesRequestType	Input	

Returns

A searchEntitlementMaintenanceLineItemPropertiesResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.

PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.

FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlementMaintenanceLineItem</td><td>entitlementMaintenanceLineItemPropertiesType</td><td>See entitlementMaintenanceLineItemPropertiesType.</td></tr>
</table>

Method: getEntitlementsQuery

Description

The **getEntitlementsQuery** operation returns the entitlements that match specified criteria. The response data is sorted by the most recent line item.

Tip: *For more optimal memory usage, consider using* ***getActivatableItemsQuery*** *instead of* ***getEntitlementsQuery*** *to retrieve policy information for a particular line item.* ***getActivatableItemsQuery*** *loads only the information for the specified activation while* ***getEntitlementsQuery*** *loads information for the all the activations for a given* ***EntitlementID****. See* getActivatableItemsQuery*.*

Parameters

Name	Type	Direction	Description
msgparameters	searchEntitlementRequestType	Input	

Returns

A searchEntitlementResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
entitlement	entitlementDataType	See entitlementDataType.

Method: getExactAvailableCount

Description

The **getExactAvailableCount** operation provides the exact, current available count for a specified line item. This operation allows users to obtain a potentially more precise count than those available in the administrative console UI or via other web service operations.

The FlexNet Operations UI and other web service operations do not evaluate the count of available copies when an upgrade is created. Therefore it is possible to create an upgrade count that exceeds the number of available copies; however, the count is evaluated at fulfillment time. On fulfillment, upgrades that exceed the available count are rejected. To avoid errors at fulfillment time, users may use getExactAvailableCount, which returns exact number of copies available for an upgrade fulfillment, for example, without having to return any previous fulfillments.

Parameters

Name	Type	Direction	Description
msgparameters	getExactAvailableCountRequestType	Input	

Returns

A getExactAvailableCountResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>count</td><td>integer</td><td>The exact available count for the line item requested.</td></tr>
</table>

Method: getMatchingBulkEnts

Description

The **getMatchingBulkEnts** operation returns bulk entitlements suitable to receive the web register keys from a splitBulkEntitlement operation. The getMatchingBulkEnts operation searches for bulk entitlements with the target account in the target tier that match the bulk entitlement you want to split. Any bulk entitlement returned by this operation can receive the web register keys as the result of the split operation.

To be considered a match, the bulk entitlement that is the target of the split must share the following attributes with the bulk entitlement that is the source of the split:

- Orderable
- License model
- License term (permanent, expiration date, duration)
- Version date details (options, date, duration)
- Line item state
- License model policies
- License model attributes

Parameters

Name	Type	Direction	Description
msgparameters	getMatchingBulkEntsRequestType	Input	

Returns

A getMatchingBulkEntsResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getMatchingBulkEntsResponseListType</td><td>Information about bulk entitlements in the target account that match the bulk entitlement you plan to split is listed in the responseData element. See getMatchingBulkEntsResponseListType.</td></tr>
<tr><td>failedData</td><td>failedMatchingBulkEntsListType</td><td>Information about the bulk entitlement that could not be matched to bulk entitlements in the target account is in the failedData element. See failedMatchingBulkEntsListType.</td></tr>
</table>

Method: getMatchingLineItems

Description

The **getMatchingLineItems** operation returns line items suitable to receive the count from a **splitLineItem** operation. The **getMatchingLineItems** operation searches for entitlement line items in entitlements with the target account in the target tier that match the line item you want to split. Any line item returned by this operation can receive the counts as the result of the split operation.

To be considered a matching line item, the line item that is the target of the split must share the following attributes with the line item that is the source of the split:

- Orderable
- License model
- License term (permanent, expiration date, duration)
- Version date details (options, date, duration)
- Line item state
- License model policies
- License model attributes

Note: *If the source line item has a parent line item, then the entire ancestor tree is scanned to ensure that the parent line items of the target line item also match.*

Parameters

Name	Type	Direction	Description
msgparameters	getMatchingLineItemsRequestType	Input	

Returns

A getMatchingLineItemsResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—All items in the request were processed.
• PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
• FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getMatchingLineItemsResponseListType</td><td>Information about entitlement line items in the target account that match the line item you plan to split is listed in the responseData element. See getMatchingLineItemsResponseListType.</td></tr>
<tr><td>failedData</td><td>failedMatchingLineItemsListType</td><td>Information about the entitlement line item that could not be matched to line items in the target account is in the failedData element. See Table failedMatchingLineItemsListType.</td></tr>
</table>

Method: getStateChangeHistory

Description

The **getStateChangeHistory** operation gets the state change history of one or more features, feature bundles, products, license models, or entitlements.

Parameters

Name	Type	Direction	Description
msgparameters	getStateChangeHistoryRequestType	Input	

Returns

A getStateChangeHistoryResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>stateChangeResponseType</td><td>See stateChangeResponseType.</td></tr>
</table>

Method: getWebRegKeyCount

Description

The **getWebRegKeyCount** operation returns the number of web register keys associated with a specified bulk entitlement.

Parameters

Name	Type	Direction	Description
msgparameters	getWebRegKeyCountRequestType	Input	

Returns

A getWebRegKeyCountResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Returns

Name	Type	Description
responseData	webRegKeyCountDataType	See webRegKeyCountDataType.

Method: getWebRegKeysQuery

Description

The **getWebRegKeysQuery** operation returns the part numbers that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getWebRegKeysQueryRequestType	Input	

Returns

A getWebRegKeysQueryResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Returns

Name	Type	Description
responseData	webRegKeysDataListType	See webRegKeysDataListType.

Method: linkMaintenanceLineItem

Description

The **linkMaintenanceLineItem** operation is used to link a maintenance line item to a licensed product line item. As in the Administrative Console, there does not need to be an explicitly specified product-maintenance relationship between the licensed product and maintenance product on these line items.

Parameters

Name	Type	Direction	Description
msgparameters	linkMaintenanceLineItemRequestType	Input	

Returns

A linkMaintenanceLineItemResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedLinkMaintenanceLineItemListType</td><td>See failedLinkMaintenanceLineItemListType.</td></tr>
</table>

Method: mapEntitlementsToUser

Description

The **mapEntitlementsToUser** operation maps one or more entitlement IDs or activation IDs to a self-registered Portal user or maps one or more web register keys to a user from a customer account. To use the Entitlement Order service to map entitlement IDs or activation IDs to a user, there must be entitlements in the FlexNet Operations database as well as a self-registered Portal user or customer user in the FlexNet Operations database.

Parameters

Name	Type	Direction	Description
msgparameters	mapEntitlementsToUserRequestType	Input	

Returns

A mapEntitlementsToUserResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedMapEntitlementsToUserDataListType</td><td>Information about the IDs that were not mapped to the user is listed in the failedData element. See failedMapEntitlementsToUserDataListType.</td></tr>
</table>

Method: mergeEntitlements

Description

The **mergeEntitlements** operation merges assets of one account with those of another account. The following types of assets can be merged:

- Entitlements and fulfillments—The state of the transferred entitlements and fulfillments are preserved during the merge.
- Users

Parameters

Name	Type	Direction	Description
msgparameters	mergeEntitlementsRequestType	Input	

Returns

A mergeEntitlementsResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Method: renewLicense

Description

The **renewLicense** operation renews one or more entitlement line items.

Parameters

Name	Type	Direction	Description
msgparameters	renewEntitlementRequestType	Input	

Returns

A renewLicenseResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRenewEntitlementDataListType</td><td>Information about the entitlements that were not renewed is listed in the failedData element. See failedRenewEntitlementDataListType.</td></tr>
<tr><td>responseData</td><td>createdRenewEntitlementDataListType</td><td>Information about the entitlements that were renewed is listed in the responseData element. See createdRenewEntitlementDataListType.</td></tr>
</table>

Method: replaceEntitlementLineItem

Description

The **replaceEntitlementLineItem** operation replaces one or more entitlement line items.

Parameters

Name	Type	Direction	Description
msgparameters	replaceOnlyEntitlementLineItemRequestType	Input	

Returns

A replaceEntitlementLineItemResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedAddEntitlementLineItemDataListType	See failedAddEntitlementLineItemDataListType.
responseData	addedEntitlementLineItemDataListType	See addedEntitlementLineItemDataListType.

Method: setEntitlementState

Description

The **setEntitlementState** operation sets the state of one or more entitlements.

Parameters

Name	Type	Direction	Description
msgparameters	setEntitlementStateRequestType	Input	

Returns

A setEntitlementStateResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedEntitlementStateDataListType	Information about the entitlements whose state was not set is listed in the failedData element. See failedEntitlementStateDataListType.

Method: setLineItemState

Description

The **setLineItemState** operation sets the state of one or more entitlement line items.

Parameters

Name	Type	Direction	Description
msgparameters	setLineItemStateRequestType	Input	

Returns

A setLineItemStateResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedLineItemStateDataListType</td><td>Information about the line items whose state was not set is listed in the failedData element. See failedLineItemStateDataListType.</td></tr>
</table>

Method: setMaintenanceLineItemState

Description

The **setMaintenanceLineItemState** operation sets the state of a maintenance line item.

Parameters

Name	Type	Direction	Description
msgparameters	setMaintenanceLineItemStateRequestType	Input	

Returns

A setMaintenanceLineItemStateResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—The request was processed. • FAILURE—The request was not processed.</td></tr><tr><td>reason</td><td>string</td><td>Gives the reason for the failure.</td></tr></table>
failedMaintenanceData	failedMaintenanceLineItemStateDataListType	See failedMaintenanceLineItemStateDataListType.

Method: splitBulkEntitlement

Description

The **splitBulkEntitlement** operation assigns a specified number of unredeemed web register keys to a related account in a different distribution tier. The web register keys that are split can be transfered to:

- A compatible existing bulk entitlement (transfers the web register keys to that bulk entitlement).
- An existing line item that has been redeemed from a compatible web register key (adds the counts from the transferred web register keys to the count of the line item).
- A new bulk entitlement.

Only publisher users, or channel partner users with sufficient privileges in the account that is the current owner, can perform a splitBulkEntitlement operation.

Note: *You cannot control the specific web register keys that splitBulkEntitlement transfers.*

Parameters

Name	Type	Direction	Description
msgparameters	splitBulkEntitlementRequestType	Input	

Returns

A splitBulkEntitlementResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>splitBulkEntitlementResponseListType</td><td>Information about the bulk entitlement that was split, and optionally the bulk entitlement to which the split web register keys went, is listed in the responseData element. See splitBulkEntitlementResponseListType.</td></tr>
<tr><td>failedData</td><td>failedSplitBulkEntitlementListType</td><td>Information about an entitlement line item that was not split is listed in the failedData element. See failedSplitBulkEntitlementListType.</td></tr>
</table>

Method: splitLineItem

Description

The **splitLineItem** operation assigns some portion of an entitlement line item's count from the current owner to a related account in a different distribution tier. This operation can either increase the count of an existing entitlement line item at the target account or create a new entitlement, if no matching entitlements exist at the target account. Only publisher users, or channel partner users with sufficient privileges in the account that is the current owner, can perform a **splitLineItem** operation.

Note: *When a line item associated with a maintenance is split, the maintenance is also split. Likewise, when a new entitlement is created as the result of a split, a new maintenance is created and associated with the new entitlement.*

Parameters

Name	Type	Direction	Description
msgparameters	splitLineItemRequestType	Input	

Returns

A splitLineItemResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>splitLineItemResponseListType</td><td>Information about the entitlement line item that was split, and optionally the entitlement to which the split counts went, is listed in the responseData element. See splitLineItemResponseListType.</td></tr>
</table>

Returns

Name	Type	Description
failedData	failedSplitLineItemListType	Information about an entitlement line item that was not split is listed in the **failedData** element. See failedSplitLineItemListType.

Method: transferEntitlement

Description

The **transferEntitlement** operation transfers one or more entitlements to an account different from the original sold-to account. Entitlements cannot be transferred if there are active fulfillments against the entitlement. During the transfer operation, active fulfillments can be returned and new entitlement and activation IDs can be auto-generated. Entitlements are in the draft state after they are transferred.

Parameters

Name	Type	Direction	Description
msgparameters	transferEntitlementsRequestType	Input	

Returns

A transferEntitlementsResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>transferredEntitlementsListType</td><td>Information about the entitlements that were transferred is listed in the responseData element. See transferredEntitlementsListType.</td></tr>
<tr><td>failedData</td><td>failedTransferEntitlementListType</td><td>Information about the entitlements that were not added is listed in the failedData element. See failedTransferEntitlementListType.</td></tr>
</table>

Method: transferLineItem

Description

The **transferLineItems** operation transfers one or more entitlement line items from one entitlement to another existing entitlement. Entitlement line items cannot be transferred if there are active fulfillments against them. During the transfer operation, active fulfillments can be returned and new activation IDs can be auto-generated.

Parameters

Name	Type	Direction	Description
msgparameters	transferLineItemsRequestType	Input	

Returns

A transferLineItemsResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	transferredLineItemsListType	Information about the entitlements that were transferred is listed in the responseData element. See transferredLineItesmsListType.
failedData	failedTransferLineItemListType	Information about the entitlements that were not added is listed in the failedData element. See failedTransferLineItemListType.

Method: unlinkMaintenanceLineItem

Description

The **unlinkMaintenanceLineItem** operation removes the link between a maintenance line item and a licensed product line item.

Parameters

Name	Type	Direction	Description
msgparameters	unlinkMaintenanceLineItemRequestType	Input	

Returns

A unlinkMaintenanceLineItemResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedUnlinkMaintenanceLineItemListType	See failedUnlinkMaintenanceLineItemListType.

Method: updateBulkEntitlement

Description

The **updateBulkEntitlement** operation modifies one or more bulk entitlements.

Parameters

Name	Type	Direction	Description
msgparameters	updateBulkEntitlementRequestType	Input	

Returns

A updateBulkEntitlementResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateBulkEntitlementDataListType</td><td>Information about the entitlements that were not updated is listed in the failedData element. See failedUpdateBulkEntitlementDataListType.</td></tr>
</table>

Method: updateEntitlementLineItem

Description

The **updateEntitlementLineItem** updates one or more entitlement line items.

Parameters

Name	Type	Direction	Description
msgparameters	updateEntitlementLineItemRequestType	Input	

Returns

A updateEntitlementLineItemResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateEntitlementLineItemDataListType</td><td>Information about the line items that were not updated is listed in the failedData element. See failedUpdateEntitlementLineItemDataListType.</td></tr>
</table>

Method: updateSimpleEntitlement

Description

The **updateSimpleEntitlement** operation modifies one or more simple entitlements.

Parameters

Name	Type	Direction	Description
msgparameters	updateSimpleEntitlementRequestType	Input	

Returns

A updateSimpleEntitlementResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedUpdateSimpleEntitlementDataListType	Information about the entitlements that were not updated is listed in the **failedData** element. See failedUpdateSimpleEntitlementDataListType.

Method: upgradeLicense

Description

The **upgradeLicense** operation upgrades one or more entitlement line items.

Parameters

Name	Type	Direction	Description
msgparameters	EntitlementLifeCycleRequestType	Input	

Returns

A upgradeLicenseResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedEntitlementLifeCycleDataListType	Information about the entitlements that were not upgraded is listed in the **failedData** element. See failedEntitlementLifeCycleDataListType.
responseData	createdEntitlementLifeCycleDataListType	Information about the entitlements that were upgraded is listed in the **responseData** element. See createdEntitlementLifeCycleDataListType.

Method: upsellLicense

Description

The **upsellLicense** operation upsells one or more entitlement line items. See upgradeLicense.

Parameters

Name	Type	Direction	Description
msgparameters	EntitlementLifeCycleRequestType	Input	

Returns

A upsellLicenseResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedEntitlementLifeCycleDataListType	Information about the entitlements that were not upgraded is listed in the **failedData** element. See failedEntitlementLifeCycleDataListType.
responseData	createdEntitlementLifeCycleDataListType	Information about the entitlements that were upgraded is listed in the **responseData** element. See createdEntitlementLifeCycleDataListType.

Complex Types: EntitlementOrderService

Complex Types

Name
accountIdentifierType
AccountNamesQueryType
accountPKType
accountTypeList
AcctTypeList
acpiGenerationIdLicensePolicyDataType
activatableItemDetailType
activatableItemsSortBy
activatableItemsSortBys
activationIdList
addedEntitlementLineItemDataListType
addedEntitlementLineItemDataType
addEntitlementLineItemDataType
addOnlyEntitlementLineItemRequestType
addOnlyEntitlementLineItemResponseType
addressDataType
addWebRegKeyDataType
addWebRegKeyRequestType
addWebRegKeyResponseType
advancedReinstallPolicyType
attributeDescriptorDataType
attributeDescriptorType
attributeMetaDescriptorDataType
attributeMetaDescriptorType
bulkEntitlementDataType
bulkEntitlementPropertiesType
bulkEntitlementResponseConfigRequestType
cancelLicensePolicyDataType
channelPartnerDataListType
channelPartnerDataType
correlationDataType
createBulkEntitlementDataType
createBulkEntitlementRequestType
createBulkEntitlementResponseType

Complex Types

Name
createdBulkEntitlementDataListType
createdBulkEntitlementDataType
createdEntitlementLifeCycleDataListType
createdEntitlementLifeCycleDataType
createdRenewEntitlementDataListType
createdRenewEntitlementDataType
createdSimpleEntitlementDataListType
createdSimpleEntitlementDataType
createEntitlementLineItemDataType
createMaintenanceLineItemDataType
createSimpleEntitlementDataType
createSimpleEntitlementRequestType
createSimpleEntitlementResponseType
customAttributeDescriptorDataType
customAttributeDescriptorType
customAttributeQueryType
customAttributesQueryListType
DateQueryType
DateTimeQueryType
deleteEntitlementDataType
deleteEntitlementRequestType
deleteEntitlementResponseType
deleteMaintenanceLineItemDataType
deleteMaintenanceLineItemRequestType
deleteMaintenanceLineItemResponseType
deleteWebRegKeyRequestType
deleteWebRegKeyResponseType
DurationType
emailActivatableItemRequestType
emailActivatableItemResponseType
emailContactListType
emailEntitlementRequestType
emailEntitlementResponseType
entCustomAttributeQueryType
entCustomAttributesQueryListType

Complex Types

Name
entitledProductDataListType
entitledProductDataType
entitlementDataType
entitlementIdentifierType
entitlementLifeCycleDataType
EntitlementLifeCycleRequestType
EntitlementLifeCycleResponseType
entitlementLineItemDataType
entitlementLineItemIdentifierType
entitlementLineItemPKType
entitlementLineItemPropertiesType
entitlementLineItemResponseConfigRequestType
entitlementListType
entitlementMaintenanceLineItemPropertiesType
entitlementMaintenanceLineItemResponseConfigRequestType
entitlementPKType
entitlementStateChangeDataType
entitlementStateChangeListType
entitlementStateDataType
expirationTermsDataType
extraActivationDataType
failedAddEntitlementLineItemDataListType
failedAddEntitlementLineItemDataType
failedAddWebRegKeyDataListType
failedAddWebRegKeyDataType
failedBulkEntitlementDataListType
failedBulkEntitlementDataType
failedDeleteEntitlementDataListType
failedDeleteEntitlementDataType
failedDeleteMaintenanceLineItemDataListType
failedDeleteMaintenanceLineItemDataType
failedDeleteWebRegKeyDataType
failedDeleteWebRegKeyListType
failedEntitlementLifeCycleDataListType
failedEntitlementLifeCycleDataType

Complex Types

Name
failedEntitlementStateDataListType
failedEntitlementStateDataType
failedIdDataType
failedLineItemStateDataListType
failedLineItemStateDataType
failedLinkMaintenanceLineItemDataType
failedLinkMaintenanceLineItemListType
failedMaintenanceLineItemStateDataListType
failedMaintenanceLineItemStateDataType
failedMapEntitlementsToUserDataListType
failedMatchingBulkEntDataType
failedMatchingBulkEntsListType
failedMatchingLineItemDataType
failedMatchingLineItemsListType
failedRemoveEntitlementLineItemDataListType
failedRemoveEntitlementLineItemDataType
failedRenewEntitlementDataListType
failedRenewEntitlementDataType
failedSimpleEntitlementDataListType
failedSimpleEntitlementDataType
failedSplitBulkEntitlementDataType
failedSplitBulkEntitlementListType
failedSplitLineItemDataType
failedSplitLineItemListType
failedTransferEntitlementDataType
failedTransferEntitlementListType
failedTransferLineItemDataType
failedTransferLineItemListType
failedUnlinkMaintenanceLineItemDataType
failedUnlinkMaintenanceLineItemListType
failedUpdateBulkEntitlementDataListType
failedUpdateBulkEntitlementDataType
failedUpdateEntitlementLineItemDataListType
failedUpdateEntitlementLineItemDataType
failedUpdateSimpleEntitlementDataListType

Complex Types

Name
failedUpdateSimpleEntitlementDataType
featureBundleIdentifierType
featureBundleListType
featureBundlePKType
featureBundleStateChangeDataType
featureBundleStateChangeListType
featureIdentifierType
featureListType
featurePKType
featureStateChangeDataType
featureStateChangeListType
fulfillmentIdentifierType
fulfillmentPKType
getActivatableItemCountRequestType
getActivatableItemCountResponseType
getBulkEntitlementCountRequestType
getBulkEntitlementCountResponseType
getBulkEntitlementPropertiesRequestType
getBulkEntitlementPropertiesResponseType
getCountResponseDataType
getEntitlementAttributesRequestType
getEntitlementAttributesResponseType
getEntitlementCountRequestType
getEntitlementCountResponseType
getExactAvailableCountRequestType
getExactAvailableCountResponseType
getMatchingBulkEntInfoType
getMatchingBulkEntsListType
getMatchingBulkEntsRequestType
getMatchingBulkEntsResponseListType
getMatchingBulkEntsResponseType
getMatchingLineItemInfoType
getMatchingLineItemsListType
getMatchingLineItemsRequestType
getMatchingLineItemsResponseListType

Complex Types

Name
getMatchingLineItemsResponseType
getStateChangeHistoryRequestType
getStateChangeHistoryResponseType
getWebRegKeyCountRequestType
getWebRegKeyCountResponseType
getWebRegKeysQueryRequestType
getWebRegKeysQueryResponseType
hostTypePKType
idListType
idType
licenseGeneratorIdentifierType
licenseGeneratorPKType
licenseModelIdentifierType
licenseModelListType
licenseModelPKType
licenseModelStateChangeDataType
licenseModelStateChangeListType
licenseTechnologyIdentifierType
licenseTechnologyPKType
lifeCycleLineItemDataType
lineItemCustomAttributeQueryType
lineItemCustomAttributesQueryListType
lineItemLifeCycleDataType
lineItemStateDataType
linkMaintenanceLineItemDataType
linkMaintenanceLineItemListType
linkMaintenanceLineItemRequestType
linkMaintenanceLineItemResponseType
maintenanceIdentifierType
maintenanceLineItemDataType
maintenanceLineItemPropertiesType
maintenanceLineItemStateDataType
maintenancePKType
mapEntitlementsToUserRequestType
mapEntitlementsToUserResponseType

Complex Types

Name
matchingBulkEntDataType
matchingLineItemDataType
mergeEntitlementsRequestType
mergeEntitlementsResponseType
newEntitlementLineItemDataType
NumberQueryType
parentLineItemIdentifierType
PartnerTierQueryType
partNumberIdentifierType
partNumberIdentifierWithModelType
partNumberPKType
policyAttributesDataType
policyAttributesListType
policyDataType
policyTermType
productCategoryDataType
productIdentifierType
productIdentifierWithCountDataType
productListType
productPKType
productStateChangeDataType
productStateChangeListType
reinstallPolicyDataType
removeEntitlementLineItemDataType
removeEntitlementLineItemRequestType
removeEntitlementLineItemResponseType
renewedEntitlementLineItemDataType
renewEntitlementDataType
renewEntitlementRequestType
renewEntitlementResponseType
renewLineItemDataType
renewParametersDataType
replaceOnlyEntitlementLineItemRequestType
replaceOnlyEntitlementLineItemResponseType
roleIdentifierType

Complex Types

Name
rolePKType
searchActivatableItemDataType
searchActivatableItemRequestType
searchActivatableItemResponseType
searchBulkEntitlementDataType
searchEntitlementDataType
searchEntitlementLineItemPropertiesRequestType
searchEntitlementLineItemPropertiesResponseType
searchEntitlementMaintenanceLineItemPropertiesRequestType
searchEntitlementMaintenanceLineItemPropertiesResponseType
searchEntitlementRequestType
searchEntitlementResponseType
searchMaintenanceLineItemDataType
setEntitlementStateRequestType
setEntitlementStateResponseType
setLineItemStateRequestType
setLineItemStateResponseType
setMaintenanceLineItemStateRequestType
setMaintenanceLineItemStateResponseType
simpleEntitlementDataType
SimpleQueryType
splitBulkEntitlementDataType
splitBulkEntitlementInfoType
splitBulkEntitlementListType
splitBulkEntitlementRequestType
splitBulkEntitlementResponseListType
splitBulkEntitlementResponseType
splitLineItemDataType
splitLineItemInfoType
splitLineItemListType
splitLineItemRequestType
splitLineItemResponseListType
splitLineItemResponseType
stateChangeDataType
stateChangeResponseType

Complex Types

Name
StateQueryType
StatusInfoType
suiteIdentifierType
suitePKType
transferEntitlementInfoType
transferEntitlementsListType
transferEntitlementsRequestType
transferEntitlementsResponseType
transferLineItemInfoType
transferLineItemsListType
transferLineItemsRequestType
transferLineItemsResponseType
transferredEntitlementDataType
transferredEntitlementsListType
transferredLineItemDataType
transferredLineItemMapType
transferredLineItemsListType
trustedKeyIdentifierType
trustedKeyPKType
unlinkMaintenanceLineItemDataType
unlinkMaintenanceLineItemListType
unlinkMaintenanceLineItemRequestType
unlinkMaintenanceLineItemResponseType
updateBulkEntitlementDataType
updateBulkEntitlementRequestType
updateBulkEntitlementResponseType
updateEntitledProductDataListType
updateEntitlementLineItemDataType
updateEntitlementLineItemRequestType
updateEntitlementLineItemResponseType
updateLineItemDataType
updateMaintenanceLineItemDataType
updateSimpleEntitlementDataType
updateSimpleEntitlementRequestType
updateSimpleEntitlementResponseType

Complex Types

Name
userIdentifierType
userPKType
valueType
versionDateAttributesType
VersionFormatQueryType
virtualLicensePolicyDataType
webRegKeyCountDataType
webRegKeyDataListType
webRegKeyDataType
webRegKeysDataListType
webRegKeysListType
webRegKeyType

Complex Type: accountIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Name of the account.
primaryKeys	accountPKType	0..1	See accountPKType.

Complex Type: AccountNamesQueryType

Description

Request to fetch entitlement line items for multiple account names. By default, a maximum of 10 account names is supported. This limit can be changed using the configuration option **Maximum number of Account names accepted to search for Entitlement Line Item Properties** (under **System > Configure > FlexNet Platform Server > General Options**).

Search by multiple account names is enabled only for the **getEntitlementLineItemPropertiesQuery** operation. Other operations that use this complex type currently support search only for a single account name.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..*	Name of the account.
searchType	simpleSearchType	0..1	Optional. If multiple **<value>** elements are provided in the request, this can be optional or should have the value EQUALS. If a single **<value>** is provided in the request, one of the following **simpleSearchType** values are supported: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
partnerTier	string	0..1	Optional. If multiple **<value>** elements are provided in the request, this is optional and value of ANY is considered as default. If a single **<value>** is provided in the request, this will be the name of the tier in which the account exists or ANY. If set to a named tier, the format **partnerTier** is **bo.constants.partnertiernames.tier_name**. If not specified, the partner tier searched is the End Customer tier.

Content Model

Component	Type	Occurs	Description
isSearchByName	boolean	0..1	Optional. Specified whether to search by the account name or the account ID. The default value for **isSearchByName** is **false** and default filtering is based on **AccountID**. To search/filter based on account name, set **isSearchByName** to **true** and **accountUnitName** to account name. When multiple **<value>** elements are provided, this field is optional and the search is by account names.

Complex Type: accountPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	1..1	Name of the account.

Complex Type: accountTypeList

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountType	accountType	1..*	See accountType.

Complex Type: AcctTypeList

Description

A list of multiple **acctType** elements. Use acctTypeList when you want to query accounts of multiple types. Add an **acctType** element to the **acctType List** for each account type you want to include in the query. If no **acctType** or **acctType List** is specified, the query searches only CUSTOMER accounts (the default).

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctType	AcctType	1..*	Optional. Defines the account type. **acctType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.

Complex Type: acpiGenerationIdLicensePolicyDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
useACPIGenerationId	boolean	1..1	• **True**—Deny trusted storage license repair if the ACPI Generation ID has changed. • **False**—Allow trusted storage license repair even if the ACPI Generation ID has changed. Default. **Note:** By default, the FlexNet Operations UI takes the ACPI generation ID into account when evaluating repair requests. This policy is set at either the license model or entitlement level using the configuration for the Virtualization Policy. Web service clients can be made to match the FlexNet Operations UI by setting **useACPIGenerationId** to reflect the configuration in the UI.

Complex Type: activatableItemDetailType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activatableItemType	ActivatableItemType	1..1	LINEITEM or WEBREGKEY
parentBulkEntitlementId	string	0..1	If the activatable line item is on a simple entitlement that was created when a web register key was redeemed, this is the entitlement ID of the bulk entitlement into which the web register key was loaded.
entitlementId	string	1..1	Entitlement ID of the entitlement that contains the activatable entitlement line item.
soldTo	string	1..1	Optional. Account that has the right to fulfill or distribute activation IDs from this entitlement. Deprecated in favor of the channelPartners element.
shipToEmail	string	0..1	Email address for a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Postal address for the sold-to account.
entitlementState	StateType	0..1	One of the following: • TEST • DRAFT • DEPLOYED • INACTIVE • ON_HOLD • OBSOLETE
activatableItemData	entitlementLineItemDataType	1..1	Details of the entitlement line item. See entitlementLineItemDataType.
channelPartners	channelPartnerDataListType	0..1	Optional. Either **soldTo** or **channelPartners** must be specified. If neither **soldTo** nor **channelPartners** specifies an end customer, FlexNet Operations shows the End Customer account ID as *Information Not Available*, and Current Owner is not set. See channelPartnerDataListType.
entitlementAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: activatableItemsSortBy

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sortKey	activatableItemSortKey	1..1	
ascending	boolean	1..1	

Complex Type: activatableItemsSortBys

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sortBy	activatableItemsSortBy	1..*	

Complex Type: activationIdList

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	SimpleQueryType	1..*	Use to perform a mass entitlement search using the getActivatableItemsQuery operation, which can return a large number of entitlements and line items that match specified criteria. To achieve this, use the parameter tag: <urn:activationIds> ... </urn:activationIds> which accepts multiple activation IDs as input parameters to retrieve all line item details in a single request. The parameter tag: <urn:activationId> ... </urn:activationId> is wrapped inside the parameter tag: <urn:activationIds> ... </urn:activationIds> To search for a single activation ID, pass the activation ID in: <urn:activationId> ... </urn:activationId>

Complex Type: addedEntitlementLineItemDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
addedLineItems	addedEntitlementLineItemDataType	0..*	Contains one or more **addedLineItems** elements. See addedEntitlementLineItemDataType.

Complex Type: addedEntitlementLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	See entitlementIdentifierType.
lineItemUniqueIds	string	0..*	Array of activation IDs for added activatable line items.
maintenanceLineItemUniqueIds	string	0..*	Array of activation IDs for added maintenance line items.
lineItemIdentifiers	entitlementLineItemIdentifierType	0..*	Includes unique ID of line items and activation ID of created line items.
maintenanceLineItemIdentifiers	entitlementLineItemIdentifierType	0..*	Includes unique ID of maintenance line items and activation ID of created maintenance line items.

Complex Type: addEntitlementLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.
lineItems	createEntitlementLineItemDataType	0..*	If the activation IDs already exist, the line items will be replaced. See createEntitlementLineItemDataType.
maintenanceLineItems	createMaintenanceLineItemDataType	0..*	If the activation IDs already exist, the line items will be replaced. See createMaintenanceLineItemDataType.
autoDeploy	boolean	0..1	Whether to deploy this line item as soon as it is created or replaced.

Complex Type: addOnlyEntitlementLineItemRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItem	addEntitlementLineItemDataType	1..*	See addEntitlementLineItemDataType.
opType	CreateOrUpdateOperationType	0..1	One of the following: • CREATE_OR_UPDATE • CREATE_OR_IGNORE **Note:** If the **opType** is specified as either **CREATE_OR_IGNORE** or **CREATE_OR_UPDATE**, then specifying the entitlement identifier is important. If the entitlement identified by the **entitlementIdentifier** is not found, then the response could be a **FAILURE**. If the **opType** is set to **CREATE_OR_UPDATE** and the line item identifier exists, the system will try to handle the request as an update. Updates to the **associatedLineItems** and **lineItemType** will be ignored.

Referenced By

Name	Type
createEntitlementLineItemRequest	Element
createEntitlementLineItem	Method

Complex Type: addOnlyEntitlementLineItemResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—All items in the request were processed.
• PARTIAL_FAILURE—Some, but not all items in the request were processed.
• FAILURE—None of the items in the request were processed.

If the opType is CREATE_OR_IGNORE, then, the operation finds out if the line item was present – if present, it ignores the line item and proceeds with the next line item. If the line item was not present, it will create that item. All items that are ignored will be copied to the responseData of the response.

If the opType is CREATE_OR_UPDATE, then the operation updates the line item if present, otherwise creates it.
Note: A line item request cannot succeed in the absence of an entitlement request.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedAddEntitlementLineItemDataListType	0..1	See failedAddEntitlementLineItemDataListType.
responseData	addedEntitlementLineItemDataListType	0..1	See addedEntitlementLineItemDataListType.

Referenced By

Name	Type
createEntitlementLineItemResponse	Element

Complex Type: addressDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
address1	string	0..1	First line of address.
address2	string	0..1	Second line of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Country, in two-letter ISO-3166 code. If not provided, defaults to US.
region	string	0..1	Address region.

Complex Type: addWebRegKeyDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlement	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.
webRegKeys	webRegKeyDataType	1..1	Required. See webRegKeyDataType.

Complex Type: addWebRegKeyRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKeyData	addWebRegKeyDataType	1..*	Required. An addWebRegKeyRequest contains an array of webRegKeyData elements to be added. See addWebRegKeyDataType.
processSync	boolean	0..1	Optional. Set to true to create web register keys synchronously, that is, the Web services client will be blocked until the request is completely processed. Use synchronous processing only for creating small numbers of web register keys at a time. By default, web register key creation is asynchronous.

Referenced By

Name	Type
addWebRegKeyRequest	Element
createWebRegKey	Method

Complex Type: addWebRegKeyResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>webRegKeyDataListType</td><td>0..1</td><td>Information about the web register keys that were added is listed in the responseData element. See webRegKeyDataListType. Not populated for asynchronous requests or for requests in which the web register keys are not autogenerated.</td></tr>
<tr><td>failedData</td><td>failedAddWebRegKeyDataListType</td><td>0..1</td><td>Information about the web register keys that were not added is listed in the failedData element. See failedAddWebRegKeyDataListType. Not populated for asynchronous requests or for requests in which the web register keys are autogenerated.</td></tr>
</table>

Referenced By

Name	Type
addWebRegKeyResponse	Element

Complex Type: advancedReinstallPolicyType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
umn1Policy	policyDataType	1..1	**umn1Policy** contains the following elements: • **allowedCount** • **policyTerm**—see policyTermType.
umn2Policy	policyDataType	1..1	**umn2Policy** contains the following elements: • **allowedCount** • **policyTerm**—see policyTermType.
umn3Policy	policyDataType	1..1	**umn3Policy** contains the following elements: • **allowedCount** • **policyTerm**—see policyTermType.
midPolicy	policyDataType	1..1	**midPolicy** contains the following elements: • **allowedCount** • **policyTerm**—see policyTermType.

Complex Type: attributeDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one of the values of attributeDescriptorType.

Complex Type: attributeDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the attribute.
CHOICE		1..1	
arrayValue	string	0..*	Array of string values of the attribute
booleanValue	boolean	0..1	Boolean value of the attribute.
dateValue	date	0..1	Date value of the attribute.
integerValue	integer	0..1	Integer value of the attribute.
stringValue	string	0..1	String value of the attribute.

Complex Type: attributeMetaDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeMetaDescriptorType	0..*	**entitlementAttributes** contains one or more **attribute** elements. See attributeMetaDescriptorType.

Complex Type: attributeMetaDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the license model attribute.
attributeDataType	AttributeDataType	1..1	Returns one of the following: • TEXT • BOOLEAN • NUMBER • DATE • MULTI_VALUED_TEXT • LONGTEXT
namespace	string	1..1	Refers to the license technology on which the attribute is created.
validValues	valueType	0..1	**validValues** contains an array of **value** strings that represent valid values for a MULTI_VALUED_TEXT license model attribute. See valueType.

Complex Type: bulkEntitlementDataType

Derived By

Extending createBulkEntitlementDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	idType	1..1	Required. See idType.
soldTo	string	0..1	Optional. Account that has the right to fulfill or distribute activation IDs from this entitlement. If soldTo is specified, that account is set in the Distributor tier. The account is not set as the current owner of the entitlement. Deprecated in favor of the channelPartners element.
product	productIdentifierType	0..1	Optional element supported for backwards compatibility. • A product must be uniquely identified by product identifier, part number, or a combination of part number and license model. Specifying a product element provides the default quantity of 1 for the single product on a line item. • Only products and suites are currently supported, not maintenance. See productIdentifierType.
partNumber	partNumberIdentifierType	0..1	Optional. A part number can be used to identify a product or a unique combination of a product and license model. Only products and suites are currently supported, not maintenance. See partNumberIdentifierType.
licenseModel	licenseModelIdentifierType	0..1	Optional, but before the entitlement is deployed, a license model must be uniquely identified by a license model identifier, part number, or product. See licenseModelIdentifierType.
alternateLicenseModel1	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
alternateLicenseModel2	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.

Content Model

Component	Type	Occurs	Description
licenseModelAttributes	attributeDescriptorDataType	0..1	• Any entitlement-time attributes must be set before deployment of the entitlement. • If a request or response contains multiple license models, the accompanying license model attributes are a union of the attributes in all the license models. Therefore, if any license attributes are shared among the license models, they all must be assigned the same value. See attributeDescriptorDataType.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
policyAttributes	policyAttributesListType	0..1	Required if any policies must be set at entitlement time. See policyAttributesListType.
shipToEmail	string	0..1	Optional. Email address for a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Optional. Postal address for the sold-to account.
orderId	string	0..1	Optional. Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Optional. Order line number from CRM or ERP system.
startDateOption	StartDateOptionType	0..1	At what point the start date is defined, where this is of the following values: • DEFINE_AT_FIRST_ACTIVATION • DEFINE_AT_EACH_ACTIVATION • DEFINE_ACTDATE_AT_FIRST_ACTIVATION • DEFINE_ACTDATE_AT_EACH_ACTIVATION

Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	Whether the entitlement, and therefore, the license activated from it, is permanent. If true, the entitlement line item, and the licenses activated from it, never expire. If true, do not set **term** or **expirationDate**. If false, set **term** or **expirationDate**, but not both. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.
term	DurationType	0..1	The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See DurationType. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both.
expirationDate	date	0..1	The date that the entitlement line item, and the licenses activated from it, expire. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both.
versionDate	date	0..1	If any of the features in the product use date-based versions, and you want to set the version date when the line item is created, set **versionDate** and set **versionDateAttributes** to DEFINE_NOW. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionDateAttributes	versionDateAttributesType	0..1	If any of the features in the product use date-based versions, set versionDateAttributes to reflect when and how you want to specify the version date. See versionDateAttributesType.
description	string	0..1	Optional. Describe what makes this bulk entitlement unique.
numberOfCopies	integer	0..1	Optional. Number of copies of the product entitled by each web register key on this entitlement. If not specified, it will be 1.

Content Model

Component	Type	Occurs	Description
bulkEntitlementType	BulkEntitlementType	0..1	One of the following: • UPGRADE • UPSELL • RENEWAL
autoDeploy	boolean	0..1	Whether to deploy this entitlement as soon as it is created.
entitledProducts	entitledProductDataListType	0..1	See entitledProductDataListType.
channelPartners	channelPartnerDataListType	0..1	Optional. Either soldTo or channelPartners must be specified. A bulk entitlement cannot be deployed without an account specified in the Distributor tier (bo.constants.partnertiernames.tier1). Other partner tiers (except End Customer) can be specified also. See channelPartnerDataListType.
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.
state	StateType	0..1	One of the following: • TEST • DRAFT • DEPLOYED • INACTIVE • OBSOLETE
createdUserId	string	0..1	User name of the user who created this entitlement.
licenseTechnology	licenseTechnologyIdentifierType	0..1	License technology of the product. See licenseTechnologyIdentifierType.

Complex Type: bulkEntitlementPropertiesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	entitlementIdentifierType	0..1	Entitlement ID. See entitlementIdentifierType.
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.
description	string	0..1	Description of the bulk entitlement.
state	StateType	0..1	Required. One of the following: • DRAFT • DEPLOYED • INACTIVE • OBSOLETE
soldTo	accountIdentifierType	0..1	Optional. Account ID. Deprecated in favor of the channelPartners element. See accountIdentifierType.
soldToDisplayName	string	0..1	Brief name of the account.
shipToEmail	string	0..1	Email address of the account.
shipToAddress	string	0..1	Physical address of the account.
orderId	string	0..1	Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Order line number from CRM or ERP system.
product	productIdentifierType	0..1	Product on the bulk entitlement. See productIdentifierType.
productDescription	string	0..1	Description of the product.
partNumber	partNumberIdentifierType	0..1	Part number mapped to the product on the bulk entitlement. See partNumberIdentifierType.
partNumberDescription	string	0..1	Description of the part number.
licenseModel	licenseModelIdentifierType	0..1	License model linked to the product on the bulk entitlement. See licenseModelIdentifierType.
alternateLicenseModel1	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.

Content Model

Component	Type	Occurs	Description
alternateLicenseModel2	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
licenseTechnology	licenseTechnologyIdentifierType	0..1	License technology. See licenseTechnologyIdentifierType.
startDateOption	StartDateOptionType	0..1	At what point the start date is defined, where this is of the following values: • DEFINE_NOW • DEFINE_AT_FIRST_ACTIVATION • DEFINE_AT_EACH_ACTIVATION • DEFINE_ACTDATE_AT_FIRST_ACTIVATION • DEFINE_ACTDATE_AT_EACH_ACTIVATION
isPermanent	boolean	0..1	Whether the entitlement, and therefore, the license activated from it, is permanent. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.
term	DurationType	0..1	Duration defined for the bulk entitlement. See DurationType.
expirationDate	date	0..1	Expiration date of the license.
versionDate	date	0..1	Version date, if any defined for this bulk entitlement record.
versionDateAttributes	versionDateAttributesType	0..1	Version date option and duration defined in the bulk entitlement. See versionDateAttributesType.
numberOfCopies	integer	0..1	Number of copies of the bulk entitlement.

Content Model

Component	Type	Occurs	Description
bulkEntitlementType	BulkEntitlementType	0..1	Type of the bulk entitlement, where the value is one of the following: • UPGRADE • UPSELL • RENEWAL
createdUserId	string	0..1	ID of the user who created the bulk entitlement.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes associated with the bulk entitlement. See attributeDescriptorDataType.
entitledProducts	entitledProductDataListType	0..1	See entitledProductDataListType.
channelPartners	channelPartnerDataListType	0..1	See channelPartnerDataListType.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).

Complex Type: bulkEntitlementResponseConfigRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	boolean	0..1	Entitlement ID.
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.
description	boolean	0..1	Description of the bulk entitlement.
state	boolean	0..1	ACTIVE or OBSOLETE.
soldTo	boolean	0..1	Optional. Account ID. Deprecated in favor of the channelPartners element.
soldToDisplayName	boolean	0..1	Brief name of the account.
shipToEmail	boolean	0..1	Email address of the account.
shipToAddress	boolean	0..1	Physical address of the account.
orderId	boolean	0..1	Order ID.
orderLineNumber	boolean	0..1	Order line number.
product	boolean	0..1	Product.
productDescription	boolean	0..1	Product description.
partNumber	boolean	0..1	Part number.
partNumberDescription	boolean	0..1	Part number desctiption.
licenseModel	boolean	0..1	License model.
licenseTechnology	boolean	0..1	License technology.
startDateOption	boolean	0..1	When the start date is defined.
isPermanent	boolean	0..1	Whether the entitlement, and therefore, the license activated from it, is permanent. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.

Content Model

Component	Type	Occurs	Description
term	boolean	0..1	Duration defined for the bulk entitlement.
expirationDate	boolean	0..1	Expiration date of the license.
versionDate	boolean	0..1	Version date, if any defined for this bulk entitlement record.
versionDateAttributes	boolean	0..1	Version date option and duration defined in the bulk entitlement.
numberOfCopies	boolean	0..1	Number of copies of the bulk entitlement.
bulkEntitlementType	boolean	0..1	Type of the bulk entitlement - new order, upgrade, upsell or renewal.
createdUserId	boolean	0..1	Id of the user who created the bulk entitlement.
FNPTimeZoneValue	boolean	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
customAttributes	customAttributeDescriptorDataType	0..1	Custom attributes associated with the bulk entitlement.

Complex Type: cancelLicensePolicyDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
isCancelLicense	boolean	1..1	**True**—Returned counts should not be credited back to entitlement. **False**—Returned counts should be credited back to entitlement. Note that this setting operates exactly opposite the same setting in the FlexNet Operations UI. The UI asks if the count should be credited. This web service element asks if the count should be cancelled.

Complex Type: channelPartnerDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
channelPartner	channelPartnerDataType	0..*	See channelPartnerDataType.

Complex Type: channelPartnerDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
tierName	string	1..1	Tier of the channel partner, specified in the OPS_PARTNER_TIER_NAME table. By default, this table includes the tier names for the End Customer and Distributor tiers. Custom tier names can be added to the table manually. In the web services, the tierName string must always be specified as the constant value, not the display value. So for example, End Customer has to be specified as bo.constants.partnertiernames.endcustomer and Distributor as bo.constants.partnertiernames.tier1.
accountUnit	accountIdentifierType	1..1	See accountIdentifierType.
contact	userIdentifierType	0..1	See userIdentifierType.
currentOwner	boolean	0..1	True if the account specified in accountUnit is the current owner of the device.

Complex Type: correlationDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the requested item, starting at 1.
uniqueId	string	1..1	Unique database identifier.

Complex Type: createBulkEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	idType	1..1	Required. See idType.
soldTo	string	0..1	Optional. Account that has the right to fulfill or distribute activation IDs from this entitlement. If soldTo is specified, that account is set in the Distributor tier. The account is not set as the current owner of the entitlement. Deprecated in favor of the channelPartners element.
product	productIdentifierType	0..1	Optional element supported for backwards compatibility. • A product must be uniquely identified by product identifier, part number, or a combination of part number and license model. Specifying a product element provides the default quantity of 1 for the single product on a line item. • Only products and suites are currently supported, not maintenance. See productIdentifierType.
partNumber	partNumberIdentifierType	0..1	Optional. A part number can be used to identify a product or a unique combination of a product and license model. Only products and suites are currently supported, not maintenance. See partNumberIdentifierType.
licenseModel	licenseModelIdentifierType	0..1	Optional, but before the entitlement is deployed, a license model must be uniquely identified by a license model identifier, part number, or product. See licenseModelIdentifierType.
alternateLicenseModel1	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
alternateLicenseModel2	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.

Content Model

Component	Type	Occurs	Description
licenseModelAttributes	attributeDescriptorDataType	0..1	• Any entitlement-time attributes must be set before deployment of the entitlement. • If a request or response contains multiple license models, the accompanying license model attributes are a union of the attributes in all the license models. Therefore, if any license attributes are shared among the license models, they all must be assigned the same value. See attributeDescriptorDataType.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
policyAttributes	policyAttributesListType	0..1	Required if any policies must be set at entitlement time. See policyAttributesListType.
shipToEmail	string	0..1	Optional. Email address for a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Optional. Postal address for the sold-to account.
orderId	string	0..1	Optional. Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Optional. Order line number from CRM or ERP system.
startDateOption	StartDateOptionType	0..1	At what point the start date is defined, where this is of the following values: • DEFINE_AT_FIRST_ACTIVATION • DEFINE_AT_EACH_ACTIVATION • DEFINE_ACTDATE_AT_FIRST_ACTIVATION • DEFINE_ACTDATE_AT_EACH_ACTIVATION

Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	Whether the entitlement, and therefore, the license activated from it, is permanent. If true, the entitlement line item, and the licenses activated from it, never expire. If true, do not set **term** or **expirationDate**. If false, set **term** or **expirationDate**, but not both. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.
term	DurationType	0..1	The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See DurationType. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both.
expirationDate	date	0..1	The date that the entitlement line item, and the licenses activated from it, expire. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both.
versionDate	date	0..1	If any of the features in the product use date-based versions, and you want to set the version date when the line item is created, set **versionDate** and set **versionDateAttributes** to DEFINE_NOW. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionDateAttributes	versionDateAttributesType	0..1	If any of the features in the product use date-based versions, set versionDateAttributes to reflect when and how you want to specify the version date. See versionDateAttributesType.
description	string	0..1	Optional. Describe what makes this bulk entitlement unique.
numberOfCopies	integer	0..1	Optional. Number of copies of the product entitled by each web register key on this entitlement. If not specified, it will be 1.

Content Model

Component	Type	Occurs	Description
bulkEntitlementType	BulkEntitlementType	0..1	One of the following: • UPGRADE • UPSELL • RENEWAL
autoDeploy	boolean	0..1	Whether to deploy this entitlement as soon as it is created.
entitledProducts	entitledProductDataListType	0..1	See entitledProductDataListType.
channelPartners	channelPartnerDataListType	0..1	Optional. Either soldTo or channelPartners must be specified. A bulk entitlement cannot be deployed without an account specified in the Distributor tier (bo.constants.partnertiernames.tier1). Other partner tiers (except End Customer) can be specified also. See channelPartnerDataListType.
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.

Referenced By

Name	Type
bulkEntitlementDataType	Complex Type

Complex Type: createBulkEntitlementRequestType

Description

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlement	createBulkEntitlementDataType	1..*	Required. A **createBulkEntitlementRequest** contains a **bulkEntitlement** element. See createBulkEntitlementDataType.

Referenced By

Name	Type
createBulkEntitlementRequest	Element
createBulkEntitlement	Method

Complex Type: createBulkEntitlementResponseType

Description

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedBulkEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not added is listed in the failedData element. See failedBulkEntitlementDataListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
responseData	createdBulkEntitlementDataListType	0..1	Information about the entitlements that were added is listed in the **responseData** element. See createdBulkEntitlementDataListType.

Referenced By

Name	Type
createBulkEntitlementResponse	Element

Complex Type: createdBulkEntitlementDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
createdBulkEntitlement	createdBulkEntitlementDataType	0..*	**responseData** contains one or more **createdBulkEntitlement** elements. See createdBulkEntitlementDataType.

Complex Type: createdBulkEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the product in the request, starting at 1.
uniqueId	string	1..1	Unique database identifier of the entitlement.
bulkEntitlementId	string	1..1	Entitlement ID of the bulk entitlement.

Complex Type: createdEntitlementLifeCycleDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementData	createdEntitlementLifeCycleDataType	0..*	**responseData** contains one or more **entitlementData** elements. See createdEntitlementLifeCycleDataType.

Complex Type: createdEntitlementLifeCycleDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementRecordRefNo	string	1..1	Index of the entitlement in the request, starting at 1.
parentEntitlementIdentifier	entitlementIdentifierType	1..1	See entitlementIdentifierType.
createdLineItemData	lifeCycleLineItemDataType	0..*	See lifeCycleLineItemDataType.

Complex Type: createdRenewEntitlementDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementData	createdRenewEntitlementDataType	0..*	**responseData** contains one or more **entitlementData** elements. See createdRenewEntitlementDataType.

Complex Type: createdRenewEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementRecordRefNo	string	1..1	Index of the entitlement in the request, starting at 1.
parentEntitlementIdentifier	entitlementIdentifierType	1..1	Entitlement ID that contains the renewed line item. See entitlementIdentifierType.
renewedLineItem	renewedEntitlementLineItemDataType	0..*	Renewed line item that was created. See renewedEntitlementLineItemDataType.

Complex Type: createdSimpleEntitlementDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
createdSimpleEntitlement	createdSimpleEntitlementDataType	0..*	**responseData** contains one or more createdSimpleEntitlement elements. See createdSimpleEntitlementDataType.

Complex Type: createdSimpleEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the product in the request, starting at 1.
uniqueId	string	1..1	Unique database identifier of the entitlement.
entitlementId	string	1..1	Identifier of the entitlement.
lineItemUniqueIds	string	0..*	One or more activation IDs for added activatable line items.
maintenanceLineItemUniqueIds	string	0..*	One or more activation IDs for added maintenance line items.
lineItemIdentifiers	entitlementLineItemIdentifierType	0..*	Includes unique ID of line items and activation ID of created line items. See entitlementLineItemIdentifierType.
maintenanceLineItemIdentifiers	entitlementLineItemIdentifierType	0..*	Includes unique ID of maintenance line items and activation ID of created maintenance line items. See entitlementLineItemIdentifierType.

Complex Type: createEntitlementLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	idType	1..1	Required. See idType.
description	string	0..1	Optional description field, used while creating or updating the entitlement line item.
product	productIdentifierType	0..1	Optional element supported for backwards compatibility. Replaced by **entitledProducts** element. • A product must be uniquely identified by product identifier, part number, or a combination of part number and license model. Specifying a product element provides the default quantity of 1 for the single product on a line item. • Only products and suites are supported. See productIdentifierType.
partNumber	partNumberIdentifierType	0..1	Optional. A part number can be used to identify a product or a unique combination of a product and license model. Only products and suites are currently supported, not maintenance. See partNumberIdentifierType.
licenseModel	licenseModelIdentifierType	0..1	Optional, but before the entitlement is deployed, a license model must be uniquely identified by a license model identifier, part number, or product. See licenseModelIdentifierType.
alternateLicenseModel1	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
alternateLicenseModel2	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.

Content Model

Component	Type	Occurs	Description
licenseModelAttributes	attributeDescriptorDataType	0..1	• Any entitlement-time attributes must be set before deployment of the entitlement. • If a request or response contains multiple license models, the accompanying license model attributes are a union of the attributes in all the license models. Therefore, if any license attributes are shared among the license models, they all must be assigned the same value. See attributeDescriptorDataType.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
policyAttributes	policyAttributesListType	0..1	Optional if used to override policy settings specified on the license model; required if any policies settings are deferred to entitlement time. However, if all policies to be set at entitlement time should be ignored, leave out this attribute. See policyAttributesListType.
orderId	string	0..1	Optional. Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Optional. Order line number from CRM or ERP system.
numberOfCopies	integer	1..1	Required. Number of copies of the product entitled by this line item.
startDate	date	0..1	Start date of the entitlement. Do not set unless the startDateOption is set to DEFINE_NOW.
startDateOption	StartDateOptionType	0..1	At what point the start date is defined, where this is of the following values: • DEFINE_NOW • DEFINE_AT_FIRST_ACTIVATION • DEFINE_AT_EACH_ACTIVATION • DEFINE_ACTDATE_AT_FIRST_ACTIVATION • DEFINE_ACTDATE_AT_EACH_ACTIVATION If neither startDate or startDateOption is specified, the default is DEFINE_AT_FIRST_ACTIVATION.

Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	Whether the entitlement, and therefore, license activated from it, is permanent. If true, the entitlement line item, and the licenses activated from it, never expire. If true, do not set **term** or **expirationDate**. If false, set either **term** or **expirationDate**. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.
term	DurationType	0..1	The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See DurationType. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both.
expirationDate	date	0..1	The date that the entitlement line item, and the licenses activated from it, expire. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both
isAutoRenewal	boolean	0..1	Controls whether a line item is automatically renewed. If set to **True**, the line item will be renewed according to the **renewalInterval** or **renewalExpirationDate** that is set. • **True**: Set this field to **True** to enable auto-renewal of this line item. On the day of expiration, the line item's expiration date is extended to the new end date (**renewalExpirationDate**) or duration (**renewalInterval**) set for the line item. • **False**: Set this field to False to disable automatic renewal. (Default)
renewalInterval	DurationType	0..1	Set the duration after which the line item expires after it has been automatically renewed.
renewalExpirationDate	date	0..1	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

Content Model

Component	Type	Occurs	Description
versionDate	date	0..1	If any of the features in the product use date-based versions, and you want to set the version date when the line item is created, set **versionDate** and set **versionDateAttributes** to DEFINE_NOW. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionDateAttributes	versionDateAttributesType	0..1	If any of the features in the product use date-based versions, set versionDateAttributes to reflect when and how you want to specify the version date. See Table versionDateAttributesType.
lineItemType	LineItemType	0..1	Optional. • UPGRADE • UPSELL • RENEWAL If this element is set, then the entitlement line item will be of this type.
entitledProducts	entitledProductDataListType	0..1	See entitledProductDataListType.
lineItemAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Referenced By

Name	Type
entitlementLineItemDataType	Complex Type

Complex Type: createMaintenanceLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	idType	1..1	Required. See idType.
maintenanceProduct	productIdentifierType	0..1	Optional, but a product must be identified by product identifier or part number. See productIdentifierType. Can be inferred from the part number or specified explicitly.
partNumber	partNumberIdentifierType	0..1	Optional. See partNumberIdentifierType. A part number can identify a product. If a part number is not specified in the request, but is mapped to the specified product, that part number will be loaded into the entitlement.
orderId	string	0..1	Optional. Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Optional. Order line number from CRM or ERP system.
startDate	date	0..1	Optional. Start date of the entitlement, which will also be the start date of maintenance.
expirationDate	date	0..1	Optional. The date that the entitlement line item, and maintenance, expire.
isPermanent	boolean	0..1	Whether the maintenance is permanent. If true, the maintenance line item never expires. If true, do not set **term** or **expirationDate**. If false, set **term** or **expirationDate**, but not both. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.
parentLineItem	entitlementLineItemIdentifierType	0..1	Optional. The entitlement line item that contains the activatable product to which the maintenance is related. See entitlementLineItemIdentifierType.

Content Model

Component	Type	Occurs	Description
associatedLineItems	entitlementLineItemIdentifierType	0..*	Supports linking the maintenance with multiple entitlement line items. See entitlementLineItemIdentifierType.
maintenanceLineItemAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Referenced By

Name	Type
maintenanceLineItemDataType	Complex Type

Complex Type: createSimpleEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	idType	1..1	Required. See idType.
description	string	0..1	Optional description field, used while creating or updating the simple entitlement.
soldTo	string	0..1	Optional. Account identifier of the account that has the right to fulfill or distribute activation IDs from this entitlement. Deprecated in favor of the channelPartners element. If soldTo is specified, that account is set in the End Customer tier and becomes the **CurrentOwner**. If neither soldTo nor channelPartners specifies an end customer, FlexNet Operations shows the End Customer account ID as *Information Not Available*, and **Current Owner** is not set.
shipToEmail	string	0..1	Optional. Email address for a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Optional. Postal address for the sold-to account.
emailTemplateVariation	string	0..1	Optional. The name of the email template for the entitlement. If not specified, the email template configured for the license technology will be selected. If no email template is configured for the license technology, the default email template will be selected.
lineItems	createEntitlementLineItemDataType	0..*	Optional. See createEntitlementLineItemDataType.
maintenanceLineItems	createMaintenanceLineItemDataType	0..*	Optional. See createMaintenanceLineItemDataType.
autoDeploy	boolean	0..1	Whether to deploy this entitlement as soon as it is created.
channelPartners	channelPartnerDataListType	0..1	Optional. Either soldTo or channelPartners must be specified. If neither soldTo nor channelPartners specifies an end customer, FlexNet Operations shows the End Customer Account ID as *Information Not Available*, and **Current Owner** is not set. See channelPartnerDataListType.
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.
entitlementAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: createSimpleEntitlementRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
simpleEntitlement	createSimpleEntitlementDataType	1..*	Required. A **createSimpleEntitlementRequest** contains an array of **simpleEntitlement** elements to be added. See createSimpleEntitlementDataType.
opType	CreateOrUpdateOperationType	0..1	One of the following: • CREATE_OR_UPDATE • CREATE_OR_IGNORE **Note:** If the **opType** is **CREATE_OR_UPDATE**, then the incoming request is split internally as a **createRequest** (containing all entitlements that need to be created) and an **updateRequest** (containing all entitlements that need to be updated). If there is even a single failure in the **createRequest**, the whole of the **createRequest** fails. If there is a single failure in the **updateRequest**, the whole of the **updateRequest** fails. However if the **createRequest** succeeds and **updateRequest** fails (or vice-versa) , the overall status is **PARTIAL_FAILURE**. The **FAILURE** case arises wherein both **createRequest** and **updateRequest** fail. If the **opType** is set to **CREATE_OR_UPDATE** and the entitlement already exists in the system once the line item create/update portion is finished and then if the update of the entitlement is requested but returns an error, then the entire entitlement request will fail. However, the updates to the line items which have been completed, will not be rolled back.

Referenced By

Name	Type
createSimpleEntitlementRequest	Element
createSimpleEntitlement	Method

Complex Type: createSimpleEntitlementResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.
When the opType is either CREATE_OR_UPDATE or CREATE_OR_IGNORE, the Entitlement response and the Line Item response together result in the final response.
Both the Entitlement response and the Line Item response must be a success for the final result to be a success.
If one is a success and the other is a failure, the final</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>result is a failure.
• If one is a partial failure and one is a failure, the final result is a failure.
Note: A line item request cannot succeed in the absence of an entitlement request.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedSimpleEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not added is listed in the failedData element. See failedSimpleEntitlementDataListType.</td></tr>
<tr><td>responseData</td><td>createdSimpleEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were added is listed in the responseData element. See createdSimpleEntitlementDataListType.</td></tr>
</table>

Referenced By

Name	Type
createSimpleEntitlementResponse	Element

Complex Type: customAttributeDescriptorDataType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	customAttributeDescriptorType	0..*	See customAttributeDescriptorType.

Complex Type: customAttributeDescriptorType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	

Complex Type: customAttributeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	The name of the custom attribute.
CHOICE		1..1	
booleanValue	boolean	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**. Set to true or false if the custom attribute is of type boolean.

dateValue	DateQueryType	0..1	Optional. A **dateValue** element contains:
			• **value**—a date value to compare to the version date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description

numberValue	NumberQueryType	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**.
			A **numberValue** element contains:
			• **value**—an integer number to match part or all of the custom attribute value.
			• **searchType**—one of the following simpleSearchType values:
			  • GREATER_THAN
			  • GREATER_THAN_EQUALS
			  • LESS_THAN
			  • LESS_THAN_EQUALS
			  • EQUALS
			  • NOT_EQUALS

stringValue	SimpleQueryType	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**.
			A **stringValue** element contains:
			• **value**—a string to match part or all of the custom attribute value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Complex Type: customAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	customAttributeQueryType	0..*	See customAttributeQueryType.

Complex Type: DateQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	date	1..1	A date value to compare.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Referenced By

Name	Type
renewalExpirationDate [type searchActivatableItemDataType]	Element
renewalExpirationDate [type searchEntitlementDataType]	Element

Complex Type: DateTimeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	dateTime	1..1	A date and time to compare.
searchType	datedSearchType	1..1	One of the following dateSearchType values: • BEFORE • AFTER • ON

Complex Type: deleteEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.

Complex Type: deleteEntitlementRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlement	deleteEntitlementDataType	1..*	Required. A **deleteEntitlementRequest** contains an array of **entitlement** elements to be deleted. See deleteEntitlementDataType.

Referenced By

Name	Type
deleteEntitlementRequest	Element
deleteEntitlement	Method

Complex Type: deleteEntitlementResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not deleted is listed in the failedData element. See failedDeleteEntitlementDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteEntitlementResponse	Element

Complex Type: deleteMaintenanceLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLineItemIdentifier	entitlementLineItemIdentifierType	1..1	See entitlementLineItemIdentifierType.

Complex Type: deleteMaintenanceLineItemRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLineItemData	deleteMaintenanceLineItemDataType	1..*	Required. A **deleteMaintenanceLineItemRequest** contains an array of maintenanceLineItemData elements to be deleted. See deleteMaintenanceLineItemDataType.

Referenced By

Name	Type
deleteMaintenanceLineItemRequest	Element
deleteMaintenanceLineItem	Method

Complex Type: deleteMaintenanceLineItemResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteMaintenanceLineItemDataListType</td><td>0..1</td><td>Information about the maintenance line items that were not deleted is listed in the failedData element. See failedDeleteMaintenanceLineItemDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteMaintenanceLineItemResponse	Element

Complex Type: deleteWebRegKeyRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKeyList	webRegKeysListType	1..1	Required. A **deleteWebRegKeyRequest** contains a **webRegKeyList** element to be added. See webRegKeysListType.

Referenced By

Name	Type
deleteWebRegKeyRequest	Element
deleteWebRegKey	Method

Complex Type: deleteWebRegKeyResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteWebRegKeyListType</td><td>0..1</td><td>Information about the web register keys that were not deleted is listed in the failedData element. See failedDeleteWebRegKeyListType.</td></tr>
</table>

Referenced By

Name	Type
deleteWebRegKeyResponse	Element

Complex Type: DurationType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Referenced By

Name	Type
renewalInterval [type createEntitlementLineItemDataType]	Element
renewalInterval [type entitlementLineItemPropertiesType]	Element
renewalInterval [type searchActivatableItemDataType]	Element
renewalInterval [type searchEntitlementDataType]	Element
renewalInterval [type updateLineItemDataType]	Element

Complex Type: emailActivatableItemRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	Required. An **emailActivatableItemRequest** contains an **activationId** element identifying the activatable item for which to email a certificate.
ignoreExistingEmailList	boolean	0..1	Optional. If true, all email addresses must be specified explicitly in the request. It is not possible to specify which of a list of existing email addresses to exclude (exclude all or none). If not set, the value is false.
validateEmailAddresses	boolean	0..1	Optional. Perform simple validation of email addresses in the request? Default is false. regex: "^[_A-Za-z0-9-\\+\\.\\%]+@" + "([A-Za-z0-9-\\.]+)(\\.[A-Za-z]{1,10})$"
emailIdList	emailContactListType	0..1	See emailContactListType.
ccEmailIdList	emailContactListType	0..1	
bccEmailIdList	emailContactListType	0..1	
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US. Set to the preferred locale for the entitlement certificate and email templates. If the locale is valid and templates have been configured for that locale, the localized templates will be used to send the email.

Referenced By

Name	Type
emailActivatableItemRequest	Element
emailActivatableItem	Method

Complex Type: emailActivatableItemResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.
reason	string	Gives reason for partial failure or failure.

Referenced By

Name	Type
emailActivatableItemResponse	Element

Complex Type: emailContactListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
emailId	string	0..*	List of email addresses to which to send license certificate.

Complex Type: emailEntitlementRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Required. An emailEntitlementRequest contains an entitlementIdentifier element identifying the entitlement certificate to be emailed. See entitlementIdentifierType.
ignoreExistingEmailList	boolean	0..1	Optional. If true, all email addresses must be specified explicitly in the request. It is not possible to specify which of a list of existing email addresses to exclude (exclude all or none). If not set, the value is false.
validateEmailAddresses	boolean	0..1	Optional. Perform simple validation of email addresses in the request? Default is false. regex: "^[_A-Za-z0-9-\\+\\.\\%]+@" +"([A-Za-z0-9-\\.]+)(\\.[A-Za-z]{1,10})$"
emailIdList	emailContactListType	0..1	See emailContactListType.
ccEmailIdList	emailContactListType	0..1	
bccEmailIdList	emailContactListType	0..1	
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US. Set to the preferred locale for the entitlement certificate and email templates. If the locale is valid and templates have been configured for that locale, the localized templates will be used to send the email.

Referenced By

Name	Type
emailEntitlementRequest	Element
emailEntitlement	Method

Complex Type: emailEntitlementResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.
reason	string	Gives reason for partial failure or failure.

Referenced By

Name	Type
emailEntitlementResponse	Element

Complex Type: entCustomAttributeQueryType

Description

Use this query to search for an entitlement that has a particular custom attribute applied. You can search by attributeName, stringValue, or booleanValue.

***IMPORTANT NOTE**: You can only search by booleanValue if the entitlement was created after the custom attribute was created. Older entitlements need to be updated to enable filtering (for example, by adding a value to the custom attribute or saving the entitlement).*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of a text-type entitlement custom attribute by which to search for an entitlement.
stringValue	SimpleQueryType	0..1	Value of the text-type entitlement custom attribute.
booleanValue	boolean	0..1	Valid values are: • **true**: Display only entitlements that had the specified custom attribute applied during creation. • **false**: Display only entitlements that did not have the specified custom attribute applied during creation.

Complex Type: entCustomAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	entCustomAttributeQueryType	0..*	See entCustomAttributeQueryType.

Complex Type: entitledProductDataListType

Description

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitledProduct	entitledProductDataType	0..*	See entitledProductDataType.

Complex Type: entitledProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productIdentifierType	0..1	See productIdentifierType.
quantity	integer	1..1	Quantity per copy of the line item. This is a multiplier to the number of copies. If one copy of the line item is fulfilled, this many copies of the entitled product will be fulfilled.

Complex Type: entitlementDataType

Description

Either **simpleEntitlement** or **bulkEntitlement** is returned, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
CHOICE		1..1	
bulkEntitlement	bulkEntitlementDataType	0..1	See bulkEntitlementDataType.
simpleEntitlement	simpleEntitlementDataType	0..1	See simpleEntitlementDataType.

Complex Type: entitlementIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the product, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the entitlement.
primaryKeys	entitlementPKType	0..1	Database primary key of the entitlement. See entitlementPKType.

Complex Type: entitlementLifeCycleDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
parentEntitlementIdentifier	entitlementIdentifierType	0..1	Optional. If not provided, the parent entitlement is inferred from the **parentLineItemIdentifier** in lineItemLifeCycleDataType. See entitlementIdentifierType.
lineItemData	lineItemLifeCycleDataType	1..*	Required. See lineItemLifeCycleDataType.

Complex Type: EntitlementLifeCycleRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementData	entitlementLifeCycleDataType	0..*	Required. A **EntitlementLifecycleRequest** contains an array of **entitlementData** elements. See entitlementLifeCycleDataType.

Referenced By

Name	Type
upgradeLicenseRequest	Element
upsellLicenseRequest	Element
upgradeLicense	Method
upsellLicense	Method

Complex Type: EntitlementLifeCycleResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedEntitlementLifeCycleDataListType</td><td>0..1</td><td>Information about the entitlements that were not upgraded is listed in the failedData element. See failedEntitlementLifeCycleDataListType.</td></tr>
<tr><td>responseData</td><td>createdEntitlementLifeCycleDataListType</td><td>0..1</td><td>Information about the entitlements that were upgraded is listed in the responseData element. See createdEntitlementLifeCycleDataListType.</td></tr>
</table>

Referenced By

Name	Type
upgradeLicenseResponse	Element

Referenced By

Name	Type
upsellLicenseResponse	Element

Complex Type: entitlementLineItemDataType

Derived By

Extending createEntitlementLineItemDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	idType	1..1	Required. See idType.
description	string	0..1	Optional description field, used while creating or updating the entitlement line item.
product	productIdentifierType	0..1	Optional element supported for backwards compatibility. Replaced by **entitledProducts** element. • A product must be uniquely identified by product identifier, part number, or a combination of part number and license model. Specifying a product element provides the default quantity of 1 for the single product on a line item. • Only products and suites are supported. See productIdentifierType.
partNumber	partNumberIdentifierType	0..1	Optional. A part number can be used to identify a product or a unique combination of a product and license model. Only products and suites are currently supported, not maintenance. See partNumberIdentifierType.
licenseModel	licenseModelIdentifierType	0..1	Optional, but before the entitlement is deployed, a license model must be uniquely identified by a license model identifier, part number, or product. See licenseModelIdentifierType.
alternateLicenseModel1	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
alternateLicenseModel2	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.

Content Model

Component	Type	Occurs	Description
licenseModelAttributes	attributeDescriptorDataType	0..1	• Any entitlement-time attributes must be set before deployment of the entitlement. • If a request or response contains multiple license models, the accompanying license model attributes are a union of the attributes in all the license models. Therefore, if any license attributes are shared among the license models, they all must be assigned the same value. See attributeDescriptorDataType.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
policyAttributes	policyAttributesListType	0..1	Optional if used to override policy settings specified on the license model; required if any policies settings are deferred to entitlement time. However, if all policies to be set at entitlement time should be ignored, leave out this attribute. See policyAttributesListType.
orderId	string	0..1	Optional. Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Optional. Order line number from CRM or ERP system.
numberOfCopies	integer	1..1	Required. Number of copies of the product entitled by this line item.
startDate	date	0..1	Start date of the entitlement. Do not set unless the startDateOption is set to DEFINE_NOW.
startDateOption	StartDateOptionType	0..1	At what point the start date is defined, where this is of the following values: • DEFINE_NOW • DEFINE_AT_FIRST_ACTIVATION • DEFINE_AT_EACH_ACTIVATION • DEFINE_ACTDATE_AT_FIRST_ACTIVATION • DEFINE_ACTDATE_AT_EACH_ACTIVATION If neither startDate or startDateOption is specified, the default is DEFINE_AT_FIRST_ACTIVATION.

Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	Whether the entitlement, and therefore, license activated from it, is permanent. If true, the entitlement line item, and the licenses activated from it, never expire. If true, do not set **term** or **expirationDate**. If false, set either **term** or **expirationDate**. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.
term	DurationType	0..1	The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See DurationType. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both.
expirationDate	date	0..1	The date that the entitlement line item, and the licenses activated from it, expire. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both
isAutoRenewal	boolean	0..1	Controls whether a line item is automatically renewed. If set to **True**, the line item will be renewed according to the **renewalInterval** or **renewalExpirationDate** that is set. • **True**: Set this field to **True** to enable auto-renewal of this line item. On the day of expiration, the line item's expiration date is extended to the new end date (**renewalExpirationDate**) or duration (**renewalInterval**) set for the line item. • **False**: Set this field to False to disable automatic renewal. (Default)
renewalInterval	DurationType	0..1	Set the duration after which the line item expires after it has been automatically renewed.
renewalExpirationDate	date	0..1	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

Content Model

Component	Type	Occurs	Description
versionDate	date	0..1	If any of the features in the product use date-based versions, and you want to set the version date when the line item is created, set **versionDate** and set **versionDateAttributes** to DEFINE_NOW. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionDateAttributes	versionDateAttributesType	0..1	If any of the features in the product use date-based versions, set versionDateAttributes to reflect when and how you want to specify the version date. See Table versionDateAttributesType.
lineItemType	LineItemType	0..1	Optional. • UPGRADE • UPSELL • RENEWAL If this element is set, then the entitlement line item will be of this type.
entitledProducts	entitledProductDataListType	0..1	See entitledProductDataListType.
lineItemAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
productLine	productCategoryDataType	0..1	See productCategoryDataType.
numberOfRemainingCopies	integer	0..1	Number of copies of the product entitled by this line item that have not yet been activated.
fulfilledCount	integer	0..1	Number of copies that were fulfilled from the line item.
availableExtraActivations	integer	0..1	Optional number of extra activations.
isTrustedType	boolean	0..1	Whether the product is licensed with a trusted license model.
state	StateType	0..1	One of the following: • TEST • DRAFT • DEPLOYED • INACTIVE • ON_HOLD • OBSOLETE

Content Model

Component	Type	Occurs	Description
licenseTechnology	licenseTechnologyIdentifierType	0..1	License technology of the product. See licenseTechnologyIdentifierType.
parentLineItem	entitlementLineItemIdentifierType	0..1	Optional. The entitlement line item that contains the activatable product to which the maintenance is related. See entitlementLineItemIdentifierType.
createdOnDateTime	dateTime	0..1	The date and time when the line item was created.
lastModifiedDateTime	dateTime	0..1	The date and time when the line item was last modified.
overdraftMax	integer	0..1	Maximum number of overdrafts.
remainingOverdraftCount	integer	0..1	Number of overdrafts available.

Complex Type: entitlementLineItemIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the product, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the entitlement line item.
primaryKeys	entitlementLineItemPKType	0..1	Database primary key of the entitlement line item. See entitlementLineItemPKType.

Complex Type: entitlementLineItemPKType

Description

Specifically, when the users set the value of **<useSameActivationId>** tag to **true** in the **transferLineItem** SOAP request, users will see the **-TRANSFERRED-EpochTimestamp** keyword being added as a suffix to the "target activation ID" upon the successful response.

For example:

<activationID>8as3-3aaa-dbbb-4aaa-a111-a234-fyhg-yh6h**-TRANSFERRED-1744784879592**</activationId>

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	The **activationId** of the entitlement line item.

Complex Type: entitlementLineItemPropertiesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	entitlementLineItemIdentifierType	0..1	Line item activation ID. See entitlementLineItemIdentifierType.
description	string	0..1	Description of the entitlement line item.
state	StateType	0..1	One of the following: • TEST • DRAFT • DEPLOYED • INACTIVE • ON_HOLD • OBSOLETE
activatableItemType	ActivatableItemType	0..1	LINEITEM or WEBREGKEY
orderId	string	0..1	Order Id.
orderLineNumber	string	0..1	Order line number.
entitlementId	entitlementIdentifierType	0..1	See entitlementIdentifierType.
soldTo	accountIdentifierType	0..1	See accountIdentifierType.
soldToDisplayName	string	0..1	Account name of the account.
entitlementState	StateType	0..1	One of the following: • TEST • DRAFT • DEPLOYED • INACTIVE • ON_HOLD • OBSOLETE
entitlementDescription	string	0..1	Brief description of the entitlement.

Content Model

Component	Type	Occurs	Description
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.
shipToEmail	string	0..1	Email address of the account.
shipToAddress	string	0..1	Physical shipping address of the account.
parentBulkEntitlementId	entitlementIdentifierType	0..1	See entitlementIdentifierType.
bulkEntSoldTo	accountIdentifierType	0..1	See accountIdentifierType.
bulkEntSoldToDisplayName	string	0..1	Account name of the account.
product	productIdentifierType	0..1	See productIdentifierType.
productDescription	string	0..1	Brief description of the product.
partNumber	partNumberIdentifierType	0..1	See partNumberIdentifierType.
partNumberDescription	string	0..1	Brief description of the part number.
licenseTechnology	licenseTechnologyIdentifierType	0..1	Required. License technology of the product. See licenseTechnologyIdentifierType.
licenseModel	licenseModelIdentifierType	0..1	Required. See licenseModelIdentifierType.
alternateLicenseModel1	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
alternateLicenseModel2	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
lineItemSupportAction	LineItemType	0..1	Optional. UPGRADE, UPSELL, or RENEWAL. If this element is set, then the entitlement line item will be of this type.
parentLineItem	entitlementLineItemIdentifierType	0..1	See entitlementLineItemIdentifierType.
startDate	date	0..1	Start date of the line item.

Content Model

Component	Type	Occurs	Description
startDateOption	StartDateOptionType	0..1	At what point the start date is defined, where this is of the following values: • DEFINE_NOW • DEFINE_AT_FIRST_ACTIVATION • DEFINE_AT_EACH_ACTIVATION • DEFINE_ACTDATE_AT_FIRST_ACTIVATION • DEFINE_ACTDATE_AT_EACH_ACTIVATION
isPermanent	boolean	0..1	Whether the entitlement, and therefore, the license activated from it, is permanent. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.
term	DurationType	0..1	Only need to specify if modifying value. The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See DurationType. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set either **term** or **expirationDate**.
expirationDate	date	0..1	Expiration date of the line item.
isAutoRenewal	boolean	0..1	Controls whether a line item is automatically renewed. If set to **True**, the line item will be renewed according to the **renewalInterval** or **renewalExpirationDate** that is set. • **True**: Set this field to **True** to enable auto-renewal of this line item. On the day of expiration, the line item's expiration date is extended to the new end date (**renewalExpirationDate**) or duration (**renewalInterval**) set for the line item. • **False**: Set this field to False to disable automatic renewal. (Default)

Content Model

Component	Type	Occurs	Description
renewalInterval	DurationType	0..1	Set the duration after which the line item expires after it has been automatically renewed.
renewalExpirationDate	date	0..1	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.
versionDate	date	0..1	Version date of the line item.
versionDateAttributes	versionDateAttributesType	0..1	See versionDateAttributesType.
numberOfCopies	integer	0..1	Number of copies of the entitlement line item.
fulfilledAmount	integer	0..1	Number of copies fulfilled.
numberOfRemainingCopies	integer	0..1	Number of copies remaining.
isTrusted	boolean	0..1	Is the entitlement of trusted type?
customAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
entitledProducts	entitledProductDataListType	0..1	Deprecated. Use updatedEntitledProducts[] instead. See entitledProductDataListType.
channelPartners	channelPartnerDataListType	0..1	Optional. Only need to specify if modifying value. The account in the specified tier will be added or replaced. See Table channelPartnerDataListType.
maintenanceLineItems	maintenanceLineItemPropertiesType	0..*	If set to 1, the following information is returned about maintenance line items linked to the returned line items: • activationId • maintenanceProduct • partNumber • orderId • orderLineNumber • startDate • expirationDate • isPermanent • state See maintenanceLineItemPropertiesType.

Content Model

Component	Type	Occurs	Description
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
createdOnDateTime	dateTime	0..1	The date and time when the line item was created.
lastModifiedDateTime	dateTime	0..1	The date and time when the line item was last modified.
createdBy	string	0..1	The name of the user who created the entitlement line item.
lastModifiedBy	string	0..1	The name of the user who last modified the entitlement line item.
lineItemAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
transferredFromLineItem	string	0..1	The activation ID the line item was transferred from.
splitFromLineItem	string	0..1	The activation ID the line item was split from.

Complex Type: entitlementLineItemResponseConfigRequestType

Description

Note: *Selecting too many elements for a query can negatively impact system performance. Only select the elements required for a given request.*

The following error, ORA-01795: maximum number of expressions in a list is 1000, has be seen when performing searches via FlexNet Operations landing pages or web service queries when:

1. *FlexNet Operations is connected to an Oracle database*
2. *Certain types of searches in the UI or web services return > 1000 items, for example, the entitlements or line item landing pages and getEntitlementsQuery or getEntitlementLineItemPropertiesQuery.*

If the error is seen in the FlexNet Operations UI, consider setting the Entitlement Records per Page and Line Items Page Size per Entitlement settings to 1000 or less. If the error is seen in a web service query, set the batch size to 1000 or less and page through the results.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	boolean	0..1	
description	boolean	0..1	
state	boolean	0..1	
activatableItemType	boolean	0..1	
orderId	boolean	0..1	
orderLineNumber	boolean	0..1	
entitlementId	boolean	0..1	
allowPortalLogin	boolean	0..1	
soldTo	boolean	0..1	
soldToDisplayName	boolean	0..1	
entitlementState	boolean	0..1	
entitlementDescription	boolean	0..1	
shipToEmail	boolean	0..1	
shipToAddress	boolean	0..1	
parentBulkEntitlementId	boolean	0..1	
bulkEntSoldTo	boolean	0..1	
bulkEntSoldToDisplayName	boolean	0..1	

Content Model

Component	Type	Occurs	Description
product	boolean	0..1	
productDescription	boolean	0..1	
partNumber	boolean	0..1	
partNumberDescription	boolean	0..1	
licenseTechnology	boolean	0..1	
licenseModel	boolean	0..1	
lineItemSupportAction	boolean	0..1	
parentLineItem	boolean	0..1	
startDate	boolean	0..1	
startDateOption	boolean	0..1	
isPermanent	boolean	0..1	
term	boolean	0..1	
expirationDate	boolean	0..1	
isAutoRenewal	boolean	0..1	Controls whether a line item is automatically renewed. If set to **True**, the line item will be renewed according to the **renewalInterval** or **renewalExpirationDate** that is set. • **True**: Set this field to **True** to enable auto-renewal of this line item. On the day of expiration, the line item's expiration date is extended to the new end date (**renewalExpirationDate**) or duration (**renewalInterval**) set for the line item. • **False**: Set this field to False to disable automatic renewal. (Default)
renewalInterval	boolean	0..1	Set the duration after which the line item expires after it has been automatically renewed.
renewalExpirationDate	boolean	0..1	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.
versionDate	boolean	0..1	
versionDateAttributes	boolean	0..1	
numberOfCopies	boolean	0..1	
fulfilledAmount	boolean	0..1	
numberOfRemainingCopies	boolean	0..1	
isTrusted	boolean	0..1	

Content Model

Component	Type	Occurs	Description
customAttributes	customAttributeDescriptorDataType	0..1	
maintenance	boolean	0..1	
maintenancePartNumber	boolean	0..1	
FNPTimeZoneValue	boolean	0..1	
createdOnDateTime	boolean	0..1	
lastModifiedDateTime	boolean	0..1	
lineItemAttributes	boolean	0..1	
maintenanceLineItemAttributes	boolean	0..1	
transferredFromLineItem	boolean	0..1	
splitFromLineItem	boolean	0..1	
fetchCreatedBy	boolean	0..1	
fetchLastModifiedBy	boolean	0..1	

Complex Type: entitlementListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..*	Required. See entitlementIdentifierType.

Complex Type: entitlementMaintenanceLineItemPropertiesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	entitlementLineItemIdentifierType	0..1	See entitlementLineItemIdentifierType.
state	StateType	0..1	One of the following: • TEST • DRAFT • DEPLOYED • INACTIVE • OBSOLETE
orderId	string	0..1	The maintenance order ID.
orderLineNumber	string	0..1	The order line number.
entitlementId	entitlementIdentifierType	0..1	See entitlementIdentifierType.
maintenanceProduct	productIdentifierType	0..1	See productIdentifierType.
maintenanceProductDescription	string	0..1	The maintenance product name.
maintenancePartNumber	partNumberIdentifierType	0..1	See partNumberIdentifierType.
maintenancePartNumberDescription	string	0..1	The maintenance part number.
startDate	date	0..1	Start date of the maintenance line.

Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	Whether the entitlement, and therefore, the license activated from it, is permanent. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.
expirationDate	date	0..1	If the maintenance line item is not permenant, its expiration date.
createdOnDateTime	dateTime	0..1	Date the maintenance line item was created.
lastModifiedDateTime	dateTime	0..1	Date the maintenance line item was last modified.
linkedLineItemActivationId	string	0..*	Specifies a line item that is linked with the maintenance line item that is being searching for.
maintenanceLineItemAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
createdBy	string	0..1	The name of the user who created the maintenance line item.
lastModifiedBy	string	0..1	The name of the user who last modified the maintenance line item.

Complex Type: entitlementMaintenanceLineItemResponseConfigRequestType

Description

Note: *Selecting too many elements for a query can negatively impact system performance. Only select the elements required for a given request.*

The following error, ORA-01795: maximum number of expressions in a list is 1000, has be seen when performing searches via FlexNet Operations landing pages or web service queries when:

1. *FlexNet Operations is connected to an Oracle database*
2. *Certain types of searches in the UI or web services return > 1000 items, for example, the entitlements or line item landing pages and getEntitlementsQuery or getEntitlementLineItemPropertiesQuery.*

If the error is seen in the FlexNet Operations UI, consider setting the Entitlement Records per Page and Line Items Page Size per Entitlement settings to 1000 or less. If the error is seen in a web service query, set the batch size to 1000 or less and page through the results.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	boolean	0..1	
state	boolean	0..1	
orderId	boolean	0..1	
orderLineNumber	boolean	0..1	
entitlementId	boolean	0..1	
maintenanceProduct	boolean	0..1	
maintenancePartNumber	boolean	0..1	
maintenancePartNumberDescription	boolean	0..1	
startDate	boolean	0..1	
isPermanent	boolean	0..1	
expirationDate	boolean	0..1	
createdOnDateTime	boolean	0..1	
lastModifiedDateTime	boolean	0..1	
maintenanceLineItemAttributes	boolean	0..1	
linkedEntitlementLineItem	boolean	0..1	
fetchCreatedBy	boolean	0..1	

Content Model

Component	Type	Occurs	Description
fetchLastModifiedBy	boolean	0..1	

Complex Type: entitlementPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	string	1..1	The entitlement ID of the entitlement.

Complex Type: entitlementStateChangeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	See licenseModelIdentiferType.
stateChangeRecord	stateChangeDataType	0..*	See stateChangeDataType.

Complex Type: entitlementStateChangeListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlement	entitlementStateChangeDataType	0..*	See entitlementStateChangeDataType.

Complex Type: entitlementStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.
stateToSet	StateType	1..1	Required. One of the following: • DRAFT • DEPLOYED • INACTIVE • OBSOLETE

Complex Type: expirationTermsDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
CHOICE		1..1	
expirationDate	date	0..1	The date that the entitlement line item, and the licenses activated from it, expire. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both.
term	DurationType	0..1	The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See DurationType. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both.

Complex Type: extraActivationDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
allowedCount	integer	1..1	The number of extra activations allowed per activatable item on this entitlement.

Complex Type: failedAddEntitlementLineItemDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedLineItemData	failedAddEntitlementLineItemDataType	0..*	**failedData** contains one or more **failedLineItemData** elements. See failedAddEntitlementLineItemDataType.

Complex Type: failedAddEntitlementLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItem	addEntitlementLineItemDataType	0..1	See addEntitlementLineItemDataType.
reason	string	0..1	String containing the reason the line item was not added.

Complex Type: failedAddWebRegKeyDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedWebRegKeyData	failedAddWebRegKeyDataType	0..*	**failedData** contains one or more **failedAddWeRegKey** elements. See failedAddWebRegKeyDataType.

Complex Type: failedAddWebRegKeyDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKeyData	addWebRegKeyDataType	0..1	See addWebRegKeyDataType.
reason	string	0..1	String containing the reason the web register key was not added.

Complex Type: failedBulkEntitlementDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedBulkEntitlement	failedBulkEntitlementDataType	0..*	**failedData** contains one or more **failedBulkEntitlement** elements. See failedBulkEntitlementDataType

Complex Type: failedBulkEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlement	createBulkEntitlementDataType	0..1	See createBulkEntitlementDataType.
reason	string	0..1	String containing the reason the entitlement was not added.

Complex Type: failedDeleteEntitlementDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedEntitlement	failedDeleteEntitlementDataType	0..*	**failedData** contains one or more **failedEntitlement** elements. See failedDeleteEntitlementDataType

Complex Type: failedDeleteEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	See entitlementIdentifierType.
reason	string	0..1	The reason the entitlement was not deleted.

Complex Type: failedDeleteMaintenanceLineItemDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedData	failedDeleteMaintenanceLineItemDataType	0..*	**failedData** contains one or more **failedData** elements. See failedDeleteMaintenanceLineItemDataType.

Complex Type: failedDeleteMaintenanceLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedData	deleteMaintenanceLineItemDataType	0..1	See deleteMaintenanceLineItemDataType.
reason	string	0..1	The reason the line item was not deleted.

Complex Type: failedDeleteWebRegKeyDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKey	string	1..1	String containing the failed web register key.
reason	string	0..1	The reason the web register key was not deleted.

Complex Type: failedDeleteWebRegKeyListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedWebRegKey	failedDeleteWebRegKeyDataType	0..*	**failedData** contains one or more **failedWebRegKey** elements. See failedDeleteWebRegKeyDataType.

Complex Type: failedEntitlementLifeCycleDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedEntitlement	failedEntitlementLifeCycleDataType	0..*	**failedData** contains one or more **failedEntitlement** elements. See failedEntitlementLifeCycleDataType.

Complex Type: failedEntitlementLifeCycleDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementData	entitlementLifeCycleDataType	1..1	See entitlementLifeCycleDataType.
reason	string	1..1	String containing the reason the entitlement was not upgraded.

Complex Type: failedEntitlementStateDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedEntitlement	failedEntitlementStateDataType	0..*	A **failedData** element contains an array of **failedEntitlement** elements whose state was not set. See failedEntitlementStateDataType.

Complex Type: failedEntitlementStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlement	entitlementStateDataType	1..1	See entitlementStateDataType.
reason	string	1..1	Reason the state of the entitlement was not set.

Complex Type: failedIdDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	1..1	Entitlement ID or activation ID string.
reason	string	1..1	String containing the reason the ID was not mapped to the user.

Complex Type: failedLineItemStateDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedLineItem	failedLineItemStateDataType	0..*	A **failedData** element contains an array of **failedLineItem** elements whose state was not set. See failedLineItemStateDataType.

Complex Type: failedLineItemStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItem	lineItemStateDataType	1..1	See lineItemStateDataType.
reason	string	1..1	Reason the state of the line item was not set.

Complex Type: failedLinkMaintenanceLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
linkMaintenanceLineItem	linkMaintenanceLineItemDataType	1..1	See linkMaintenanceLineItemDataType.
reason	string	1..1	Reason for failure.

Complex Type: failedLinkMaintenanceLineItemListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedLinkMaintenanceLineItem	failedLinkMaintenanceLineItemDataType	0..*	See failedLinkMaintenanceLineItemDataType.

Complex Type: failedMaintenanceLineItemStateDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedMaintenanceLineItem	failedMaintenanceLineItemStateDataType	0..*	See failedMaintenanceLineItemStateDataType.

Complex Type: failedMaintenanceLineItemStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLineItem	maintenanceLineItemStateDataType	1..1	See maintenanceLineItemStateDataType.
reason	string	1..1	Reason for failure.

Complex Type: failedMapEntitlementsToUserDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedId	failedIdDataType	1..*	**failedData** contains one or more failedId elements. See failedIdDataType.

Complex Type: failedMatchingBulkEntDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntInfo	getMatchingBulkEntInfoType	1..1	For the source bulk entitlement that had no matches in the target account. See getMatchingBulkEntInfoType.
reason	string	1..1	String containing the reason no matching line items were returned.

Complex Type: failedMatchingBulkEntsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedBulkEnt	failedMatchingBulkEntDataType	1..*	**failedData** contains a **failedBulkEnt** element. See failedMatchingBulkEntDataType.

Complex Type: failedMatchingLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemInfo	getMatchingLineItemInfoType	1..1	Sor the source line item that had no matches in the target account. See getMatchingLineItemInfoType.
reason	string	1..1	String containing the reason no matching line items were returned.

Complex Type: failedMatchingLineItemsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedLineItem	failedMatchingLineItemDataType	1..*	failedData contains a failedLineItem element. See failedMatchingLineItemDataType.

Complex Type: failedRemoveEntitlementLineItemDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedData	failedRemoveEntitlementLineItemDataType	0..*	**failedData** contains one or more **failedData** elements. See failedRemoveEntitlementLineItemDataType.

Complex Type: failedRemoveEntitlementLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedData	removeEntitlementLineItemDataType	0..1	See removeEntitlementLineItemDataType.
reason	string	0..1	The reason the line item was not deleted.

Complex Type: failedRenewEntitlementDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedEntitlement	failedRenewEntitlementDataType	0..*	**failedData** contains one or more **failedRenewEntitlement** elements. See failedRenewEntitlementDataType.

Complex Type: failedRenewEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementData	renewEntitlementDataType	1..1	See renewEntitlementDataType.
reason	string	1..1	String containing the reason the entitlement was not renewed.

Complex Type: failedSimpleEntitlementDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedSimpleEntitlement	failedSimpleEntitlementDataType	0..*	**failedData** contains one or more failedSimpleEntitlement elements. See failedSimpleEntitlementDataType.

Complex Type: failedSimpleEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
simpleEntitlement	createSimpleEntitlementDataType	0..1	See createSimpleEntitlementDataType.
reason	string	0..1	String containing the reason the entitlement was not added.

Complex Type: failedSplitBulkEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementInfo	splitBulkEntitlementInfoType	1..1	See splitBulkEntitlementInfoType.
reason	string	1..1	String containing the reason the line item's count was not split.

Complex Type: failedSplitBulkEntitlementListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedBulkEntitlement	failedSplitBulkEntitlementDataType	1..*	**failedData** contains one or more **failedBulkEntitlement** elements. See failedSplitBulkEntitlementDataType.

Complex Type: failedSplitLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemInfo	splitLineItemInfoType	1..1	See splitLineItemInfoType.
reason	string	1..1	String containing the reason the line item's count was not split.

Complex Type: failedSplitLineItemListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedLineItem	failedSplitLineItemDataType	1..*	**failedData** contains a **failedLineItem** element. See failedSplitLineItemDataType.

Complex Type: failedTransferEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementInfo	transferEntitlementInfoType	1..1	See transferEntitlementInfoType.
reason	string	1..1	String containing the reason the entitlement was not transferred.

Complex Type: failedTransferEntitlementListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedEntitlement	failedTransferEntitlementDataType	1..*	**failedData** contains one or more **failedEntitlement** elements. See failedTransferEntitlementDataType.

Complex Type: failedTransferLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemInfo	transferLineItemInfoType	1..1	See transferEntitlementInfoType.
reason	string	1..1	String containing the reason the line item was not transferred.

Complex Type: failedTransferLineItemListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedLineItem	failedTransferLineItemDataType	1..*	**failedData** contains one or more **failedLineItem** elements. See failedTransferLineItemDataType.

Complex Type: failedUnlinkMaintenanceLineItemDataType

Description

s

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
unlinkMaintenanceLineItem	unlinkMaintenanceLineItemDataType	0..1	See unlinkMaintenanceLineItemDataType.
reason	string	0..1	Reason for failure.

Complex Type: failedUnlinkMaintenanceLineItemListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUnlinkMaintenanceLineItem	failedUnlinkMaintenanceLineItemDataType	0..*	See failedUnlinkMaintenanceLineItemDataType.

Complex Type: failedUpdateBulkEntitlementDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedBulkEntitlement	failedUpdateBulkEntitlementDataType	0..*	**failedData** contains one or more **failedBulkEntitlement** elements. See failedUpdateBulkEntitlementDataType.

Complex Type: failedUpdateBulkEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlement	updateBulkEntitlementDataType	0..1	See updateBulkEntitlementDataType.
reason	string	0..1	String containing the reason the entitlement was not updated.

Complex Type: failedUpdateEntitlementLineItemDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedData	failedUpdateEntitlementLineItemDataType	0..*	**failedData** contains one or more **failedEntitlementLineItem** elements. See failedUpdateEntitlementLineItemDataType.

Complex Type: failedUpdateEntitlementLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedData	updateEntitlementLineItemDataType	0..1	See updateEntitlementLineItemDataType.
reason	string	0..1	String containing the reason the line item was not updated.

Complex Type: failedUpdateSimpleEntitlementDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedSimpleEntitlement	failedUpdateSimpleEntitlementDataType	0..*	**failedData** contains one or more **failedSimpleEntitlement** elements. See failedUpdateSimpleEntitlementDataType.

Complex Type: failedUpdateSimpleEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
simpleEntitlement	updateSimpleEntitlementDataType	0..1	See updateSimpleEntitlementDataType.
reason	string	0..1	String containing the reason the entitlement was not updated.

Complex Type: featureBundleIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the feature bundle, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the feature bundle.
primaryKeys	featureBundlePKType	0..1	Database primary key of the feature bundle—a string containing the name of the feature bundle. See featureBundlePKType.

Complex Type: featureBundleListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundleIdentifier	featureBundleIdentifierType	1..*	Required. See featureBundleIdentifierType.

Complex Type: featureBundlePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The name of the feature bundle.

Complex Type: featureBundleStateChangeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundleIdentifier	featureBundleIdentifierType	1..1	See featureBundleIdentiferType.
stateChangeRecord	stateChangeDataType	0..*	See stateChangeDataType.

Complex Type: featureBundleStateChangeListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureBundle	featureBundleStateChangeDataType	0..*	See featureBundleStateChangeDataType.

Complex Type: featureIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the feature, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the feature.
primaryKeys	featurePKType	0..1	Database primary keys of the feature—strings containing name and, if the feature version format is FIXED, the version of the feature. If the feature version format is DATE_BASED, specify only name. See featurePKType.

Complex Type: featureListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureIdentifier	featureIdentifierType	1..*	Required. See featureIdentifierType.

Complex Type: featurePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the feature.
version	string	0..1	The **version** of the feature.

Complex Type: featureStateChangeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureIdentifier	featureIdentifierType	1..1	See featureIdentiferType.
stateChangeRecord	stateChangeDataType	0..*	See stateChangeDataType.

Complex Type: featureStateChangeListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
feature	featureStateChangeDataType	0..*	See featureStateChangeDataType.

Complex Type: fulfillmentIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the fulfillment.
primaryKeys	fulfillmentPKType	0..1	Database primary key of the fulfillment. See fulfillmentPKType.

Complex Type: fulfillmentPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentId	string	1..1	The fulfillmnet ID.

Complex Type: getActivatableItemCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchActivatableItemDataType	1..1	Required. See searchActivatableItemDataType. Leave this element blank to return all activatable line items.
restrictToItemsReadyToActivate	boolean	0..1	Optional. Only use for the **getActivatableItemCount** operation. Restricts the search to only items ready to activate.

Referenced By

Name	Type
getActivatableItemCountRequest	Element
getActivatableItemCount	Method

Complex Type: getActivatableItemCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>count</td><td>integer</td><td>0..1</td><td>Number of activatable items that matched the specified criteria.</td></tr>
</table>

Referenced By

Name	Type
getActivatableItemCountResponse	Element

Complex Type: getBulkEntitlementCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementSearchCriteria	searchBulkEntitlementDataType	1..1	Required. See searchBulkEntitlementDataType. Leave this element blank to return all bulk entitlements.

Referenced By

Name	Type
getBulkEntitlementCountRequest	Element
getBulkEntitlementCount	Method

Complex Type: getBulkEntitlementCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
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<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>count</td><td>integer</td><td>0..1</td><td>Number of bulk entitlements matching the specified criteria.</td></tr>
</table>

Referenced By

Name	Type
getBulkEntitlementCountResponse	Element

Complex Type: getBulkEntitlementPropertiesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementSearchCriteria	searchBulkEntitlementDataType	1..1	Required. See searchBulkEntitlementDataType.
bulkEntitlementResponseConfig	bulkEntitlementResponseConfigRequestType	1..1	See bulkEntitlementResponseConfigRequestType.
batchSize	integer	1..1	Required. Starts at 1. Say the operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
pageNumber	integer	0..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getBulkEntitlementPropertiesRequest	Element
getBulkEntitlementPropertiesQuery	Method

Complex Type: getBulkEntitlementPropertiesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
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<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>bulkEntitlement</td><td>bulkEntitlementPropertiesType</td><td>0..*</td><td>See bulkEntitlementPropertiesType.</td></tr>
</table>

Referenced By

Name	Type
getBulkEntitlementPropertiesResponse	Element

Complex Type: getCountResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	1..1	A count element.

Complex Type: getEntitlementAttributesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModelIdentifier	licenseModelIdentifierType	1..1	Required. A **getEntitlementAttributesRequest** contains a **licenseModelIdentifier** element identifying the license model whose attributes to return. See licenseModelIdentifierType.

Referenced By

Name	Type
getEntitlementAttributesRequest	Element
getEntitlementAttributesFromModel	Method

Complex Type: getEntitlementAttributesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
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<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlementAttributes</td><td>attributeMetaDescriptorDataType</td><td>0..1</td><td>A list of license model attributes that are set at entitlement time are contained in the entitlementAttributes element. See attributeMetaDescriptorDataType.</td></tr>
<tr><td>policyAttributes</td><td>policyAttributesDataType</td><td>0..1</td><td>A list of policy attributes that are set at entitlement time are contained in the policyAttributes element. See policyAttributesDataType.</td></tr>
<tr><td>needTimeZone</td><td>boolean</td><td>0..1</td><td>True if the license model includes the TZ keyword and allows it to be set at entitlement time; otherwise, false.</td></tr>
</table>

Referenced By

Name	Type
getEntitlementAttributesResponse	Element

Complex Type: getEntitlementCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchEntitlementDataType	1..1	Required. See searchEntitlementDataType. Leave this element blank to return all entitlements.

Referenced By

Name	Type
getEntitlementCountRequest	Element
getEntitlementCount	Method

Complex Type: getEntitlementCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
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<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>count</td><td>integer</td><td>0..1</td><td>Number of entitlements matching the specified criteria.</td></tr>
</table>

Referenced By

Name	Type
getEntitlementCountResponse	Element

Complex Type: getExactAvailableCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	entitlementLineItemIdentifierType	0..1	Required. Identifies the line item for which you want an exact available count. See entitlementLineItemIdentifierType.

Referenced By

Name	Type
getExactAvailableCountRequest	Element
getExactAvailableCount	Method

Complex Type: getExactAvailableCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
count	integer	0..1	The exact available count for the line item requested.

Referenced By

Name	Type
getExactAvailableCountResponse	Element

Complex Type: getMatchingBulkEntInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntIdentifier	entitlementIdentifierType	1..1	Required. The indentifier for the bulk entitlement you plan to split. This is the bulk entitlement for which getMatchingBulkEnts attempts to match bulk entitlements in the targetAccountUnit. See entitlementIdentifierType.
targetTierName	string	1..1	Required. The name of the tier that contains the target account. The tier name exists in the OPS_PARTNER_TIER_NAME table. By default, this table includes the tier names for the End Customer and Distributor tiers. Custom tier names can be added to the table manually. In the web services, the targetTierName string must always be specified as the constant value, not the display value. So for example, End Customer has to be specified as bo.constants.partnertiernames.endcustomer and Distributor as bo.constants.partnertiernames.tier1.
targetAccountUnit	accountIdentifierType	1..1	Required. The target account in the target tier to be scanned for matching bulk entitlements. See accountIdentifierType.

Complex Type: getMatchingBulkEntsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntInfo	getMatchingBulkEntInfoType	1..*	Required. A **bulkEntList** contains one or more **bulkEntInfo** elements. See getMatchingBulkEntInfoType.

Complex Type: getMatchingBulkEntsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntList	getMatchingBulkEntsListType	1..1	Required. See getMatchingBulkEntsListType.

Referenced By

Name	Type
getMatchingBulkEntsRequest	Element
getMatchingBulkEnts	Method

Complex Type: getMatchingBulkEntsResponseListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
matchingBulkEnt	matchingBulkEntDataType	1..*	**responseData** contains one or more **matchingBulkEnt** elements. See matchingBulkEntDataType.

Complex Type: getMatchingBulkEntsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
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<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getMatchingBulkEntsResponseListType</td><td>0..1</td><td>Information about bulk entitlements in the target account that match the bulk entitlement you plan to split is listed in the responseData element. See getMatchingBulkEntsResponseListType.</td></tr>
<tr><td>failedData</td><td>failedMatchingBulkEntsListType</td><td>0..1</td><td>Information about the bulk entitlement that could not be matched to bulk entitlements in the target account is in the failedData element. See failedMatchingBulkEntsListType.</td></tr>
</table>

Referenced By

Name	Type
getMatchingBulkEntsResponse	Element

Complex Type: getMatchingLineItemInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	Required. The indentifier for the line item you plan to split. This is the line item for which getMatchingLineItems attempts to match line items in the targetAccountUnit. See entitlementLineItemIdentifierType.
targetTierName	string	1..1	Required. The name of the tier that contains the target account. The tier name exists in the OPS_PARTNER_TIER_NAME table. By default, this table includes the tier names for the End Customer and Distributor tiers. Custom tier names can be added to the table manually. In the web services, the targetTierName string must always be specified as the constant value, not the display value. So for example, End Customer has to be specified as bo.constants.partnertiernames.endcustomer and Distributor as bo.constants.partnertiernames.tier1.
targetAccountUnit	accountIdentifierType	1..1	Required. The target account in the target tier to be scanned for matching line items. See accountIdentifierType.

Complex Type: getMatchingLineItemsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemInfo	getMatchingLineItemInfoType	1..*	Required. A **lineItemList** contains one or more **lineItemInfo** elements. See getMatchingLineItemInfoType.

Complex Type: getMatchingLineItemsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemList	getMatchingLineItemsListType	1..1	Required. See getMatchingLineItemsListType.

Referenced By

Name	Type
getMatchingLineItemsRequest	Element
getMatchingLineItems	Method

Complex Type: getMatchingLineItemsResponseListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
matchingLineItem	matchingLineItemDataType	1..*	**responseData** contains one or more **matchingLineItem** elements. See matchingLineItemDataType.

Complex Type: getMatchingLineItemsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
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<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
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<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
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<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getMatchingLineItemsResponseListType</td><td>0..1</td><td>Information about entitlement line items in the target account that match the line item you plan to split is listed in the responseData element. See getMatchingLineItemsResponseListType.</td></tr>
<tr><td>failedData</td><td>failedMatchingLineItemsListType</td><td>0..1</td><td>Information about the entitlement line item that could not be matched to line items in the target account is in the failedData element. See Table failedMatchingLineItemsListType.</td></tr>
</table>

Referenced By

Name	Type
getMatchingLineItemsResponse	Element

Complex Type: getStateChangeHistoryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureList	featureListType	0..1	Optional. See featureListType.
featureBundleList	featureBundleListType	0..1	Optional. See featureBundleListType.
productList	productListType	0..1	Optional. See productListType.
licenseModelList	licenseModelListType	0..1	Optional. See licenseModelListType.
simpleEntitlementList	entitlementListType	0..1	Optional. See entitlementListType.
bulkEntitlementList	entitlementListType	0..1	Optional. See entitlementListType.

Referenced By

Name	Type
getStateChangeHistoryRequest	Element
getStateChangeHistory	Method

Complex Type: getStateChangeHistoryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
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<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
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</table>
</td></tr>
<tr><td>responseData</td><td>stateChangeResponseType</td><td>0..1</td><td>See stateChangeResponseType.</td></tr>
</table>

Referenced By

Name	Type
getStateChangeHistoryResponse	Element

Complex Type: getWebRegKeyCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.

Referenced By

Name	Type
getWebRegKeyCountRequest	Element
getWebRegKeyCount	Method

Complex Type: getWebRegKeyCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</td></tr>
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Content Model

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<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
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<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>webRegKeyCountDataType</td><td>0..1</td><td>See webRegKeyCountDataType.</td></tr>
</table>

Referenced By

Name	Type
getWebRegKeyCountResponse	Element

Complex Type: getWebRegKeysQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementIdentifier	entitlementIdentifierType	1..1	Required. Entitlement of the bulk entitlement into which the web register keys are loaded. Required. See entitlementIdentifierType.
batchSize	integer	1..1	Required. Starts at 1. Say the getWebRegKeyCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
pageNumber	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getWebRegKeysQueryRequest	Element
getWebRegKeysQuery	Method

Complex Type: getWebRegKeysQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
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Content Model

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<tr><td></td><td></td><td>the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>webRegKeysDataListType</td><td>0..1</td><td>See webRegKeysDataListType.</td></tr>
</table>

Referenced By

Name	Type
getWebRegKeysQueryResponse	Element

Complex Type: hostTypePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the host type.

Complex Type: idListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	1..*	Required.

Complex Type: idType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	0..1	Optional string containing the entitlement ID, if you want to specify the ID.
autoGenerate	boolean	0..1	Optional boolean that indicates whether the entitlement ID should be autogenerated.

Complex Type: licenseGeneratorIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license generator configuration.
primaryKeys	licenseGeneratorPKType	0..1	Database primary key of the license generator configuration. See licenseGeneratorPKType.

Complex Type: licenseGeneratorPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license generator configuration.

Complex Type: licenseModelIdentifierType

Description

In the request, specify *either* **uniqueId** *or* **primaryKeys** to uniquely specify the license model, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license model.
primaryKeys	licenseModelPKType	0..1	Database primary key of the license model. See licenseModelPKType.

Complex Type: licenseModelListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModelIdentifier	licenseModelIdentifierType	1..*	Required. See licenseModelIdentifierType.

Complex Type: licenseModelPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license model.

Complex Type: licenseModelStateChangeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModelIdentifier	licenseModelIdentifierType	1..1	See licenseModelIdentiferType.
stateChangeRecord	stateChangeDataType	0..*	See stateChangeDataType.

Complex Type: licenseModelStateChangeListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModel	licenseModelStateChangeDataType	0..*	See licenseModelStateChangeDataType.

Complex Type: licenseTechnologyIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license technology.
primaryKeys	licenseTechnologyPKType	0..1	Database primary key of the license technology. See licenseTechnologyPKType.

Complex Type: licenseTechnologyPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license technology.

Complex Type: lifeCycleLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemRecordRefNo	string	1..1	Index of the entitlement line item in the request, starting at 1.
parentLineItemIdentifier	entitlementLineItemIdentifierType	1..1	See entitlementLineItemIdentifierType.
newLineItem	newEntitlementLineItemDataType	1..1	**createdLineItemData** contains a **newLineItem** element. See newEntitlementLineItemDataType.

Complex Type: lineItemCustomAttributeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of a text-type line item custom attribute by which to search for a line item.
stringValue	SimpleQueryType	0..1	Value of the text-type line item custom attribute.

Complex Type: lineItemCustomAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	lineItemCustomAttributeQueryType	0..*	See lineItemCustomAttributeQueryType.

Complex Type: lineItemLifeCycleDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
parentLineItemIdentifier	entitlementLineItemIdentifierType	1..1	Required. See entitlementLineItemIdentifierType.
lineItem	createEntitlementLineItemDataType	1..1	Required. See createEntitlementLineItemDataType.
isFull	boolean	0..1	Optional. Set to true if all of the count on the parent line item is to be upgraded or upsold. Set to false if the count of the upgrade or upsell item is taken from **numberOfCopies** set in createEntitlementLineItemDataType.
allowActivationsOnParent	boolean	0..1	Optional. Set to true if the parent line item can still be activated after it has been renewed. Set to false if the parent line item is obsolete after it has been upgradeded or upsold.
autoDeploy	boolean	0..1	Whether the upgrade or upsell line item should be deployed as soon as it is created.

Complex Type: lineItemStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	Required. See entitlementLineItemdentifierType.
stateToSet	StateType	1..1	Required. One of the following: • DRAFT • DEPLOYED • INACTIVE • OBSOLETE
includeChildItems	boolean	0..1	Optional. If set to true, the state change will be applied to any child line items of this entitlement line item.

Complex Type: linkMaintenanceLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	See entitlementLineItemIdentifierType.
maintenanceLineItemIdentifier	entitlementLineItemIdentifierType	1..1	See entitlementLineItemIdentifierType.

Complex Type: linkMaintenanceLineItemListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
linkMaintenanceLineItem	linkMaintenanceLineItemDataType	1..*	See linkMaintenanceLineItemDataType.

Complex Type: linkMaintenanceLineItemRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
linkMaintenanceLineItemList	linkMaintenanceLineItemListType	1..1	See linkMaintenanceLineItemListType.

Referenced By

Name	Type
linkMaintenanceLineItemRequest	Element
linkMaintenanceLineItem	Method

Complex Type: linkMaintenanceLineItemResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedLinkMaintenanceLineItemListType</td><td>0..1</td><td>See failedLinkMaintenanceLineItemListType.</td></tr>
</table>

Referenced By

Name	Type
linkMaintenanceLineItemResponse	Element

Complex Type: maintenanceIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the maintenance product.
primaryKeys	maintenancePKType	0..1	Database primary key of the maintenance product. See maintenancePKType.

Complex Type: maintenanceLineItemDataType

Derived By

Extending createMaintenanceLineItemDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	idType	1..1	Required. See idType.
maintenanceProduct	productIdentifierType	0..1	Optional, but a product must be identified by product identifier or part number. See productIdentifierType. Can be inferred from the part number or specified explicitly.
partNumber	partNumberIdentifierType	0..1	Optional. See partNumberIdentifierType. A part number can identify a product. If a part number is not specified in the request, but is mapped to the specified product, that part number will be loaded into the entitlement.
orderId	string	0..1	Optional. Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Optional. Order line number from CRM or ERP system.
startDate	date	0..1	Optional. Start date of the entitlement, which will also be the start date of maintenance.
expirationDate	date	0..1	Optional. The date that the entitlement line item, and maintenance, expire.
isPermanent	boolean	0..1	Whether the maintenance is permanent. If true, the maintenance line item never expires. If true, do not set **term** or **expirationDate**. If false, set **term** or **expirationDate**, but not both. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.
parentLineItem	entitlementLineItemIdentifierType	0..1	Optional. The entitlement line item that contains the activatable product to which the maintenance is related. See entitlementLineItemIdentifierType.

Content Model

Component	Type	Occurs	Description
associatedLineItems	entitlementLineItemIdentifierType	0..*	Supports linking the maintenance with multiple entitlement line items. See entitlementLineItemIdentifierType.
maintenanceLineItemAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
state	StateType	0..1	One of the following: • TEST • DRAFT • DEPLOYED • INACTIVE • OBSOLETE

Complex Type: maintenanceLineItemPropertiesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	entitlementLineItemIdentifierType	1..1	See entitlementLineItemIdentifierType.
maintenanceProduct	productIdentifierType	0..1	See productIdentifierType.
partNumber	partNumberIdentifierType	0..1	See partNumberIdentifierType.
orderId	string	0..1	Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Optional. Order line number from CRM or ERP system.
startDate	date	0..1	Start date of the maintenance line item.
expirationDate	date	0..1	Expiration date of the maintenance line item, if not permanent.
isPermanent	boolean	0..1	Whether the entitlement, and therefore, the license activated from it, is permanent. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.

Content Model

Component	Type	Occurs	Description
state	StateType	0..1	One of the following: • DRAFT • ACTIVE • INACTIVE • DEPLOYED • OBSOLETE • TEST • ON_HOLD
maintenanceLineItemAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: maintenanceLineItemStateDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	See entitlementLineItemIdentifierType.
stateToSet	StateType	1..1	Required. One of the following: • DRAFT • ACTIVE • INACTIVE • DEPLOYED • OBSOLETE • TEST • ON_HOLD

Complex Type: maintenancePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the maintenance product.
version	string	1..1	The **version** of the maintenance product.

Complex Type: mapEntitlementsToUserRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userId	string	1..1	Required. The user ID of a self-registered Portal user.
idList	idListType	1..1	Required. See idListType.
userAcct	string	0..1	Optional. User's account.

Referenced By

Name	Type
mapEntitlementsToUserRequest	Element
mapEntitlementsToUser	Method

Complex Type: mapEntitlementsToUserResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedMapEntitlementsToUserDataListType</td><td>0..1</td><td>Information about the IDs that were not mapped to the user is listed in the failedData element. See failedMapEntitlementsToUserDataListType.</td></tr>
</table>

Referenced By

Name	Type
mapEntitlementsToUserResponse	Element

Complex Type: matchingBulkEntDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
matchingBulkEntIdentifier	entitlementIdentifierType	1..1	Required. Identifiers (entitlement ID) of one or more matching bulk entitlements. See entitlementIdentifierType.

Complex Type: matchingLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
matchingLineItemIdentifier	entitlementLineItemIdentifierType	1..1	Identifiers (activation ID) of one or more matching line items. See entitlementLineItemIdentifierType.

Complex Type: mergeEntitlementsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountFrom	string	1..1	Required. Account identifier of the account that currently owns the assets to be merged to another account. There are two types of accounts that can be specified, either customer accounts or self-registered accounts.
accountTo	string	1..1	Required. Account identifier of the account to which the assets are merged. Only customer accounts may be specified.
mergeUsers	boolean	0..1	Optional. Whether to merge the users of the account specified as accountFrom to the account specified as accountTo. If a value is not specified, users are merged.
mergeEntitlements	boolean	0..1	Optional. Whether to merge the entitlements and fulfillments of the account specified as accountFrom to the account specified as accountTo. If a value is not specified, entitlements and fulfillments are merged.

Referenced By

Name	Type
mergeEntitlementsRequest	Element
mergeEntitlements	Method

Complex Type: mergeEntitlementsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.
reason	string	Gives reason for partial failure or failure.

Referenced By

Name	Type
mergeEntitlementsResponse	Element

Complex Type: newEntitlementLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	1..1	Unique database identifier of the new line item.
activationId	string	1..1	Activation ID of the new line item.

Complex Type: NumberQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	integer	1..1	Number to match part or all of the attribute value.
searchType	numberSearchType	1..1	One of the following numberSearchType values: • GREATER_THAN • GREATER_THAN_EQUALS • LESS_THAN • LESS_THAN_EQUALS • EQUALS • NOT_EQUALS

Complex Type: parentLineItemIdentifierType

Description

This Complex Type represents how a relation between two entitlement line items can be updated. This is an extension of entitlementLineItemIdentifierType.

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the product, not both. Provide **lineItemType** if the relationship between the line items needs to be updated.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the entitlement line item.
primaryKeys	entitlementLineItemPKType	0..1	Database primary key of the entitlement line item. See entitlementLineItemPKType.
lineItemType	LineItemType	0..1	If provided, this line item will be updated to this type.

Complex Type: PartnerTierQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	The name of the account.
searchType	simpleSearchType	0..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
partnerTier	string	0..1	Optional. The name of the tier in which the account exists or ANY. If set to a named tier, the format partnerTier is bo.constants.partnertiernames.tier_name. If not specified, the partner tier searched is the End Customer tier.
isSearchByName	boolean	0..1	Optional. Whether to search by the account name or acount ID. The default value for isSearchByName is false and default filtering is based on AccountID. To search/filter based on account name, set isSearchByName to true and accountUnitName to account name.

Complex Type: partNumberIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the part number, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the part number.
primaryKeys	partNumberPKType	0..1	Database primary key of the part number. See partNumberPKType.

Complex Type: partNumberIdentifierWithModelType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the part number.
primaryKeys	partNumberPKType	0..1	Database primary key of the part number. See partNumberPKType.
licenseModel	licenseModelIdentifierType	0..1	Optional, if you want to map a part number for a product to one specific license model linked to the product. See licenseModelIdentifierType.

Complex Type: partNumberPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partId	string	1..1	The **partId** of the part number.

Complex Type: policyAttributesDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
needRehostsPolicy	boolean	1..1	Whether a a policy governing the number of rehosts must be specified at entitlement time.
needReturnsPolicy	boolean	1..1	Whether a policy governing the number of returns must be specified at entitlement time.
needRepairsPolicy	boolean	1..1	Whether a policy governing the number of repairs must be specified at entitlement time.
needExtraActivationsPolicy	boolean	1..1	Whether a policy governing the number of extra activations must be specified at entitlement time.
needCancelLicensePolicy	boolean	1..1	Whether a policy governing the crediting of returned license count must be specified at entitlement time.
needVirtualLicensePolicy	boolean	1..1	Whether a policy governing activations on virtual machines must be specified at entitlement time.
needReinstallPolicy	boolean	1..1	Whether a policy governing the number of reinstallations must be established at entitlement time. Applies to trusted storage-type license models only.
needServerHostIdPolicy	boolean	1..1	Whether a policy governing server hostids must be specified at entitlement time.
needNodelockedHostIdPolicy	boolean	1..1	Whether a policy governing nodelocked hostids must be specified at entitlement time.
needPortalServerHostIdPolicy	boolean	1..1	Whether a policy governing server hostids must be specified at entitlement time on the self-service portal.
needPortalNodelockedHostIdPolicy	boolean	1..1	Whether a policy governing nodelocked hostids must be specified at entitlement time on the self-service portal.
needRedundantServerPolicy	boolean	1..1	Whether a policy governing redundant servers must be specified at entitlement time.
needACPIGenerationIdLicensePolicy	boolean	1..1	Whether a policy governing ACPI Generation ID must be specified at entitlement time.

Complex Type: policyAttributesListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
rehostsPolicy	policyDataType	0..1	**rehostsPolicy** contains the following elements: • **allowedCount**—number of rehosts allowed per activatable item on this entitlement during the time period defined by the **policyTerm** element. • **policyTerm**—see policyTermType.
returnsPolicy	policyDataType	0..1	**returnsPolicy** contains the following elements: • **allowedCount**—number of returns allowed per activatable item on this entitlement during the time period defined by the **policyTerm** element. • **policyTerm**—see policyTermType.
repairsPolicy	policyDataType	0..1	**repairsPolicy** contains the following elements: • **allowedCount**—number of repairs allowed per activatable item on this entitlement during the time period defined by the **policyTerm** element. • **policyTerm**—see policyTermType.
extraActivationsPolicy	extraActivationDataType	0..1	See extraActivationDataType.
cancelLicensePolicy	cancelLicensePolicyDataType	0..1	See cancelLicensePolicyDataType.
virtualLicensePolicy	virtualLicensePolicyDataType	0..1	See virtualLicensePolicyDataType.
reinstallPolicy	reinstallPolicyDataType	0..1	See reinstallPolicyDataType.
acpiGenerationIdLicensePolicy	acpiGenerationIdLicensePolicyDataType	0..1	See acpiGenerationIdLicensePolicyDataType.

Complex Type: policyDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
allowedCount	integer	1..1	Number of actions allowed per activatable item on this entitlement during the time period defined by the **policyTerm** element.
policyTerm	policyTermType	1..1	See policyTermType.

Complex Type: policyTermType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
duration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Complex Type: productCategoryDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	The unique ID of the product.
name	string	0..1	The name of the product.
description	string	0..1	The description of the product.

Complex Type: productIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the product, not both.

Note: *In the Entitlement Order service, productIdentifierType is used to identify products, maintenance products, and suites. In the Product Packaging Service, each has its own identifier type.*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the product.
primaryKeys	productPKType	0..1	Database primary key of the product. See productPKType.

Complex Type: productIdentifierWithCountDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	Required. See productIdentifierType.
count	positiveInteger	1..1	Required. Positive integer that indicates the cardinality of the product in the suite.

Complex Type: productListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..*	Required. See productIdentifierType.

Complex Type: productPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the product.
version	string	1..1	The **version** of the product.

Complex Type: productStateChangeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	See productIdentiferType.
stateChangeRecord	stateChangeDataType	0..*	See stateChangeDataType.

Complex Type: productStateChangeListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productStateChangeDataType	0..*	See productStateChangeDataType.

Complex Type: reinstallPolicyDataType

Description

A reinstall policy can designate an umbrella default policy or specify different reinstall policies for each type of machine identifier via an advanced policy, or both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
defaultPolicy	policyDataType	0..1	**defaultPolicy** contains the following elements: • **allowedCount** • **policyTerm**—see policyDataType.
advancedPolicy	advancedReinstallPolicyType	0..1	See advancedReinstallPolicyType.

Complex Type: removeEntitlementLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.
lineItemIdentifier	entitlementLineItemIdentifierType	0..*	See entitlementLineItemIdentifierType.

Complex Type: removeEntitlementLineItemRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemData	removeEntitlementLineItemDataType	1..*	Required. A **removeEntitlementLineItemRequest** contains an array of **lineItemData** elements to be deleted. See removeEntitlementLineItemDataType.

Referenced By

Name	Type
removeEntitlementLineItemRequest	Element
deleteEntitlementLineItem	Method

Complex Type: removeEntitlementLineItemResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRemoveEntitlementLineItemDataListType</td><td>0..1</td><td>Information about the entitlements that were not deleted is listed in the failedData element. See failedRemoveEntitlementLineItemDataListType.</td></tr>
</table>

Referenced By

Name	Type
removeEntitlementLineItemResponse	Element

Complex Type: renewedEntitlementLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemRecordRefNo	string	1..1	Index of the entitlement line item in the request, starting at 1.
parentLineItemIdentifier	entitlementLineItemIdentifierType	1..1	See entitlementLineItemIdentifierType.
newLineItem	newEntitlementLineItemDataType	1..1	**renewedLineItem** contains a **newLineItem** element. See newEntitlementLineItemDataType.

Referenced By

Name	Type
renewedLineItem [type createdRenewEntitlementDataType]	Element

Complex Type: renewEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
parentEntitlementIdentifier	entitlementIdentifierType	0..1	Optional. If not provided, the parent entitlement is inferred from the **parentLineItemIdentifier** in renewLineItemDataType. See entitlementIdentifierType.
renewLineItemData	renewLineItemDataType	1..*	Required. See renewLineItemDataType.

Complex Type: renewEntitlementRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementData	renewEntitlementDataType	0..*	Required. A renewEntitlementRequest contains an array of entitlementData elements. See renewEntitlementDataType.

Referenced By

Name	Type
renewLicenseRequest	Element
renewLicense	Method

Complex Type: renewEntitlementResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRenewEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not renewed is listed in the failedData element. See failedRenewEntitlementDataListType.</td></tr>
<tr><td>responseData</td><td>createdRenewEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were renewed is listed in the responseData element. See createdRenewEntitlementDataListType.</td></tr>
</table>

Referenced By

Name	Type
renewLicenseResponse	Element

Complex Type: renewLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
parentLineItemIdentifier	entitlementLineItemIdentifierType	1..1	Required. See entitlementLineItemIdentifierType.
renewParameters	renewParametersDataType	1..1	Required. See renewParametersDataType.
isFull	boolean	0..1	Optional. Set to true if all of the count on the parent line item is to be renewed. Set to false if the count of the renew item is taken from **numberOfCopies** set in renewParametersDataType.
allowActivationsOnParent	boolean	0..1	Optional. Set to true (the default) if the parent line item can still be activated after it has been renewed. Set to false to change the state of the parent line item to OBSOLETE after it has been renewed.
autoDeploy	boolean	0..1	Whether the renew line item should be deployed as soon as it is created.

Complex Type: renewParametersDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	idType	1..1	Required. See idType.
isPermanent	boolean	0..1	Whether the entitlement, and therefore, the license activated from it, is permanent. If true, the entitlement line item, and the licenses activated from it, never expire. If true, do not set **term** or **expirationDate**. If false, set **term** or **expirationDate**, but not both. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.
expirationTerms	expirationTermsDataType	0..1	See expirationTermsDataType.
numberOfCopies	integer	0..1	Number of copies entitled by this line item. Set if **isFull** is set to false in renewLineItemDataType.
startDate	date	0..1	Start date of the entitlement.

Content Model

Component	Type	Occurs	Description
startDateOption	StartDateOptionType	0..1	At what point the start date is defined, where this is of the following values: • DEFINE_NOW • DEFINE_AT_FIRST_ACTIVATION • DEFINE_AT_EACH_ACTIVATION • DEFINE_ACTDATE_AT_FIRST_ACTIVATION • DEFINE_ACTDATE_AT_EACH_ACTIVATION ***Note:*** *If neither startDate or startDateOption are specified, the expiration date of the original entitlement is used.*
versionDate	date	0..1	If any of the features in the product use date-based versions, and you want to set the version date when the line item is created, set **versionDate** and set **versionDateAttributes** to DEFINE_NOW. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionDateAttributes	versionDateAttributesType	0..1	If any of the features in the product use date-based versions, set versionDateAttributes to reflect when and how you want to specify the version date. See versionDateAttributesType.
description	string	0..1	A brief description of the renewal.
orderId	string	0..1	Optional. Order ID from CRM or ERP systems.
orderLineNumber	string	0..1	Optional. Order line number from CRM or ERP systems.
licenseModel	licenseModelIdentifierType	0..1	Optional, but before the entitlement is deployed, a license model must be uniquely identified by a license model identifier, part number, or product. If no license model is specified here, the following license-model-related values are copied from the parent line item: All three license models (licenseModel plus the alternate license models), entitlement-time license attributes (licenseModelAttributes), entitlement-time policy attributes (policyAttributes), and entitlement-time time zone setting (FNPTimeZoneValue). If a license model is specified here, the license-model-related values are not copied from the parent line item. In such cases, any of these license-model-related values necessary for successful renewal must be specified in this request. See licenseModelIdentifierType.

Content Model

Component	Type	Occurs	Description
alternateLicenseModel1	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
alternateLicenseModel2	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
licenseModelAttributes	attributeDescriptorDataType	0..1	Any entitlement-time attributes must be set before deployment of the entitlement. See attributeDescriptorDataType.
policyAttributes	policyAttributesListType	0..1	Required if any policies must be set at entitlement time. See policyAttributesListType.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
lineItemAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: replaceOnlyEntitlementLineItemRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItem	addEntitlementLineItemDataType	1..*	See addEntitlementLineItemDataType.

Referenced By

Name	Type
replaceEntitlementLineItemRequest	Element
replaceEntitlementLineItem	Method

Complex Type: replaceOnlyEntitlementLineItemResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedAddEntitlementLineItemDataListType	0..1	See failedAddEntitlementLineItemDataListType.
responseData	addedEntitlementLineItemDataListType	0..1	See addedEntitlementLineItemDataListType.

Referenced By

Name	Type
replaceEntitlementLineItemResponse	Element

Complex Type: roleIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Role ID.
primaryKeys	rolePKType	0..1	See rolePKType.

Complex Type: rolePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the role.

Complex Type: searchActivatableItemDataType

Description

Specify the elements needed to construct your query.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

parentBulkEntitlementId	SimpleQueryType	0..1	Optional. A **parentBulkEntitlementId** element contains:
			• **value**—a string to match part or all of the entitlement ID of the parent bulk entitlement of a simple entitlement created when a web register key is redeemed.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

entitlementId	SimpleQueryType	0..1	Optional. An **entitlementId** element contains:
			• **value**—a string to match part or all of the entitlement ID value.
			• **searchType**—one of the following simpleSearchType values.
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description
activationIds	activationIdList	0..1	Use to perform a mass entitlement search using the getActivatableItemsQuery operation, which can return a large number of entitlements and line items that match specified criteria. To achieve this, use the parameter tag: <urn:activationIds> ... </urn:activationIds> which accepts multiple activation IDs as input parameters to retrieve all line item details in a single request. The parameter tag: <urn:activationId> ... </urn:activationId> is wrapped inside the parameter tag: <urn:activationIds> ... </urn:activationIds> To search for a single activation ID, pass the activation ID in: <urn:activationId> ... </urn:activationId>

productName	SimpleQueryType	0..1	Optional. A **productName** element contains:
			• **value**—a string to match part or all of the product name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

productVersion	SimpleQueryType	0..1	Optional. A **productVersion** element contains:
			• **value**—a string to match part or all of the product version.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description
productType	ProductType	0..1	Optional. A **productType** element contains one of the following: • LICENSED_PRODUCT • SUITE • MAINTENANCE. Since maintenance is not attached to a license model, if selected, turn off the LicenseModel and LicenseTechnology attributes from the response.

partNumber	SimpleQueryType	0..1	Optional. A **partNumber** element contains:
			• **value**—a string to match part or all of the part number.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

startDate	DateQueryType	0..1	Optional. A **startDate** element contains:
			• **value**—a date value to compare to the start date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	Optional. Whether the entitlement, and therefore, the license activated from it, is permanent. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.

expirationDate	DateQueryType	0..1	Optional. An **expirationDate** element contains:
			• **value**—a date value to compare to the expiration date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

isAutoRenewal	boolean	0..1	Controls whether a line item is automatically renewed. If set to **True**, the line item will be renewed according to the **renewalInterval** or **renewalExpirationDate** that is set. • **True**: Set this field to **True** to enable auto-renewal of this line item. On the day of expiration, the line item's expiration date is extended to the new end date (**renewalExpirationDate**) or duration (**renewalInterval**) set for the line item. • **False**: Set this field to False to disable automatic renewal. (Default)
renewalInterval	DurationType	0..1	Set the duration after which the line item expires after it has been automatically renewed.
renewalExpirationDate	DateQueryType	0..1	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

Content Model

Component	Type	Occurs	Description

versionDate	DateQueryType	0..1	Optional. An **versionDate** element contains:
			• **value**—a date value to compare to the version date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

licenseTechnology	SimpleQueryType	0..1	Optional. A **licenseTechnology** element contains:
			• **value**—a string to match part or all of the license technology.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

orderId	SimpleQueryType	0..1	Optional. An **orderId** element contains:
			• **value**—a string to match part or all of the order ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

orderLineNumber	SimpleQueryType	0..1	Optional. Order line number from CRM or ERP system.

Content Model

Component	Type	Occurs	Description
withNoOrderId	boolean	0..1	Optional. If true, return only activatable items with no order ID. ***Note:*** *Since this field is intended to return results without the specified attribute, setting this to false will have no effect on query results.*
restrictToItemsWithCount	boolean	0..1	Optional. If true, return only activatable items that have a non-zero remaining count. ***Note:*** *This field is intended to return results without the specified attribute. Therefore, setting this value to false will have no effect on query results.*
fulfilledAmount	NumberQueryType	0..1	The number of copies fulfilled.
userId	string	0..1	Optional. Set to the user name (login) of a portal user to return the activatable items that this user can see if logged in to the portal UI.
customAttributes	customAttributesQueryListType	0..1	Optional. See customAttributesQueryListType.

soldTo	SimpleQueryType	0..1	Optional. a **soldTo** element contains:
			• **value**—a string to match part or all of the the account that has the right to fulfill or distribute activation IDs from this entitlement.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

parentBulkEntSoldTo	SimpleQueryType	0..1	A **parentBulkEntSoldTo** element contains:
			• **value**—a string to match part or all of the the account to which the bulk entitlement was sold.
			• **searchType**—one of the following simpleSearchType values::
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS
			Note: *Not available for the operation* getActivatableItemsQuery*. For queries using this parameter, use the operation* getEntitlementLineItemPropertiesQuery*.*

activatableItemType	ActivatableItemType	0..1	One of the following: • LINEITEM • WEBREGKEY
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.
accountUnitName	AccountNamesQueryType	0..1	Optional. See PartnerTierQueryType.

currentOwnerName	SimpleQueryType	0..1	Optional. A **currentOwnerName** element contains:
			• **value**—a string to match part or all of the user name of the user who created the entitlement.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

lineItemParentLineItemId	SimpleQueryType	0..1	Optional. A **lineItemParentLineItemId** element contains:
			• **value**—a string to match part or all of the line item ID (activation ID) of a parent line item.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS
			Use **lineItemParentLineItemId** with:
			• getActivatableItemCount to return a count of immediate child line items of the parent line item
			• getActivatableItemsQuery to return immediate child line items of the parent line item.
			• getEntitlementLineItemPropertiesQuery to return a configurable set of properties of immediate child line items.

createdOnDateTime	DateTimeQueryType	0..1	Optional. A **createdOnDateTime** element contains:
			• **value**—a date and time value to compare to the created date and time value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description

lastModifiedDateTime	DateTimeQueryType	0..1	Optional. A **lastModifiedDateTime** element contains:
			• **value**—a date and time value to compare to the last modified date and time value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

lineItemAttributes	lineItemCustomAttributes QueryListType	0..1	See lineItemCustomAttributesQueryListType.

Content Model

Component	Type	Occurs	Description

sortBys	activatableItemsSortBys	0..1	Use to filter the data either ascending or descending order by request input field **sortBy** attributes and ascending Boolean value as true or false:
			• ENTITLEMENT_ID
			• ACTIVATION_ID
			• LINE_ITEM_ORDERABLE_NAME
			• LINE_ITEM_ORDERABLE_VERSION
			• LINE_ITEM_SKU
			• LINE_ITEM_START_DATE
			• LINE_ITEM_EXPIRATION_DATE
			• LINE_ITEM_ORDER_ID
			• LINE_ITEM_ORDER_LINE_NUMBER
			• LINE_ITEM_FULFILLED_AMOUNT
			• CONTACT
			• SOLD_TO_NAME
			• LINE_ITEM_ACTIVATABLE_ITEM_TYPE
			• SOLD_TO_DISPLAY_NAME
			• CURRENT_OWNER_ORG_NAMELINE_ITEM_LAST_MODIFIED
			Example
			Request sample of **sortsBys**:
			`<urn:sortBys>`
			`<!--1 or more repetitions:-->`
			`<urn:sortBy>`
			`<urn:sortKey>LINE_ITEM_ORDER_LINE_NUMBER`
			`</urn:sortKey>`
			`<urn:ascending>true</urn:ascending>`
			`</urn:sortBy>`
			`</urn:sortBys>`

Content Model

Component	Type	Occurs	Description

isEmbeddedLicenseModel	boolean	0..1	Used to return entitlement line items based on their license model(embedded or non-embedded).
			• If **isEmbeddedLicenseModel** is set to **true**, the operation returns all the line items with an embedded license model type.
			• If **isEmbeddedLicenseModel** is set to **false**, the operation returns all the line items with a non-embedded license model type.
			Example
			`<urn:searchEntitlementLineItemPropertiesRequest>`
			`<urn:queryParams>`
			`<urn:isEmbeddedLicenseModel>true`
			`</urn:isEmbeddedLicenseModel>`
			`</urn:queryParams>`
			`</urn:searchEntitlementLineItemPropertiesRequest>`

lineItemState	StateQueryType	0..1	Use to filter the data by request input field **lineitemstate**.
			• **value**—Specifiy **Deployed**, **Inactive**, **Obsolete** or **Draft**.
			• **searchType—**One of the folowing:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS
			Example
			Request sample of **lineItemState**:
			`<urn:lineItemState>`
			`<urn:value>Deployed</urn:value>`
			`<urn:searchType>EQUALS</urn:searchType>`
			`</urn:lineItemState>`

Complex Type: searchActivatableItemRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activatableItemSearchCriteria	searchActivatableItemDataType	1..1	Required. See searchActivatableItemDataType.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
pageNumber	integer	0..1	Defaults to 1. Say the getActivatableItemCount operation using the same query parameters returns 100 records.If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Referenced By

Name	Type
searchActivatableItemRequest	Element
getActivatableItemsQuery	Method

Complex Type: searchActivatableItemResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>activatableItem</td><td>activatableItemDetailType</td><td>0..*</td><td>See activatableItemDetailType.</td></tr>
</table>

Referenced By

Name	Type
searchActivatableItemResponse	Element

Complex Type: searchBulkEntitlementDataType

Description

Specify the elements needed to construct your query.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

entitlementId	SimpleQueryType	0..1	Optional. An **entitlementId** element contains:
			• **value**—a string to match part or all of the entitlement ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

description	SimpleQueryType	0..1	Brief description of the bulk entitlement.

productName	SimpleQueryType	0..1	Optional. A **productName** element contains:
			• **value**—a string to match part or all of the product name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

productVersion	SimpleQueryType	0..1	Optional. A **productVersion** element contains:
			• **value**—a string to match part or all of the product version.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

productType	ProductType	0..1	Optional. A **productType** element contains one of the following: • LICENSED_PRODUCT • SUITE • MAINTENANCE

partNumber	SimpleQueryType	0..1	Optional. A **partNumber** element contains:
			• **value**—a string to match part or all of the part number.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

soldTo	SimpleQueryType	0..1	Optional. A **soldTo** element contains:
			• **value**—a string to match part or all of the sold-to account.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS
			Deprecated in favor of the channelPartners element.

shipToEmail	SimpleQueryType	0..1	Optional. A **shipToEmail** element contains:
			• **value**—a string to match part or all of the email address.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

shipToAddress	SimpleQueryType	0..1	Optional. A **shipToAddress** element contains:
			• **value**—a string to match part or all of the postal address.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	Optional. Whether the entitlement, and therefore, the license activated from it, is permanent. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.

expirationDate	DateQueryType	0..1	Optional. A **expirationDate** element contains:
			• **value**—a date value to compare to the expiration date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

createdOn	DateQueryType	0..1	Optional. A **createdOn** element contains:
			• **value**—a date value to compare to the creation date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description

versionDate	DateQueryType	0..1	Optional. A **versionDate** element contains:
			• **value**—a date value to compare to the version date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

lastModifiedDate	DateQueryType	0..1	Optional. A **lastModifiedDate** element contains:
			• **value**—a date value to compare to the last modified date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

state	StateQueryType	0..1	Optional. A **state** element contains:
			• **value**—a StateType value of TEST, DRAFT, DEPLOYED, INACTIVE, OBSOLETE to match part or all of the state value.
			• **searchType**—one of the following simpleSearchType values:
			• STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

licenseTechnology	SimpleQueryType	0..1	Optional. A **licenseTechnology** element contains:
			• **value**—a string to match part or all of the license technology.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

createdUserId	SimpleQueryType	0..1	Optional. A **createdUserId** element contains:
			• **value**—a string to match part or all of the user name of the user who created the entitlement.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

customAttributes	customAttributesQueryListType	0..1	Any custom attributes associated with the bulk entitlement. See customAttributesQueryListType.
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.
accountUnitName	PartnerTierQueryType	0..1	Optional. See PartnerTierQueryType.

Content Model

Component	Type	Occurs	Description

currentOwnerName	SimpleQueryType	0..1	Optional. A **currentOwnerName** element contains:
			• **value**—a string to match part or all of the user name of the user who created the entitlement.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Complex Type: searchEntitlementDataType

Description

Specify the elements needed to construct your query.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

entitlementId	SimpleQueryType	0..1	Optional. An **entitlementId** element contains:
			• **value**—a string to match part or all of the entitlement ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

entDescription	SimpleQueryType	0..1	Optional. An **entDescription** element contains:
			• **value**—a string to match part or all of the product name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

productName	SimpleQueryType	0..1	Optional. A **productName** element contains:
			• **value**—a string to match part or all of the product name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

productVersion	SimpleQueryType	0..1	Optional. A **productVersion** element contains:
			• **value**—a string to match part or all of the product version.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

productType	ProductType	0..1	Optional. A **productType** element contains one of the following: • LICENSED_PRODUCT • SUITE • MAINTENANCE

Content Model

Component	Type	Occurs	Description

partNumber	SimpleQueryType	0..1	Optional. A **partNumber** element contains:
			• **value**—a string to match part or all of the part number.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

isBulk	boolean	0..1	Optional. Set to true if the entitlement is a bulk entitlement; false if the entitlement is a simple entitlement. If not specified, **isBulk** defaults to false.

soldTo	SimpleQueryType	0..1	Optional. A **soldTo** element contains:
			• **value**—a string to match part or all of the sold-to account.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

shipToEmail	SimpleQueryType	0..1	Optional. A **shipToEmail** element contains:
			• **value**—a string to match part or all of the email address.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

contactEmail	SimpleQueryType	0..1	

shipToAddress	SimpleQueryType	0..1	Optional. A **shipToAddress** element contains:
			• **value**—a string to match part or all of the postal address.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

emailTemplateVariation	SimpleQueryType	0..1	Optional. An **emailTemplateVariation** element contains:
			• **value**—a string to match part or all of the email template variation name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

startDate	DateQueryType	0..1	Optional. A **startDate** element contains:
			• **value**—a date value to compare to the start date value.
			• **searchType**—which is one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

isPermanent	boolean	0..1	Optional. Whether the entitlement, and therefore, the license activated from it, is permanent. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.

expirationDate	DateQueryType	0..1	Optional. A **expirationDate** element contains:
			• **value**—a date value to compare to the expiration date value.
			• **searchType**—which is one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description
isAutoRenewal	boolean	0..1	Controls whether a line item is automatically renewed. If set to **True**, the line item will be renewed according to the **renewalInterval** or **renewalExpirationDate** that is set. • **True**: Set this field to **True** to enable auto-renewal of this line item. On the day of expiration, the line item's expiration date is extended to the new end date (**renewalExpirationDate**) or duration (**renewalInterval**) set for the line item. • **False**: Set this field to False to disable automatic renewal. (Default)
renewalInterval	DurationType	0..1	Set the duration after which the line item expires after it has been automatically renewed.
renewalExpirationDate	DateQueryType	0..1	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

createdOn	DateQueryType	0..1	Optional. A **createdOn** element contains:
			• **value**—a date value to compare to the creation date value.
			• **searchType**—which is one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

versionDate	DateQueryType	0..1	Optional. A **versionDate** element contains:
			• **value**—a date value to compare to the version date value.
			• **searchType**—which is one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description

lastModifiedDate	DateQueryType	0..1	Optional. A **lastModifiedDate** element contains:
			• **value**—a date value to compare to the last modified date value.
			• **searchType**—which is one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

description	SimpleQueryType	0..1	Optional. A **description** element contains:
			• **value**—a string to match part or all of the description.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

state	StateQueryType	0..1	Optional. See StateQueryType.

licenseTechnology	SimpleQueryType	0..1	Optional. A **licenseTechnology** element contains:
			• **value**—a string to match part or all of the license technology.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

createdUserId	SimpleQueryType	0..1	Optional. A **createdUserId** element contains:
			• **value**—a string to match part or all of the user name of the user who created the entitlement.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

accountUnitName	PartnerTierQueryType	0..1	Optional. See PartnerTierQueryType.

currentOwnerName	SimpleQueryType	0..1	Optional. A **currentOwnerName** element contains:
			• **value**—a string to match part or all of the user name of the user who created the entitlement.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

maintStartDate	DateQueryType	0..1	Optional. A **maintStartDate** element contains:
			• **value**—a date value to compare to the maintenance start date value.
			• **searchType**—which is one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON
			Searches for entitlements that have regular line items that are linked with maintenance line items with a start date that matches the value and searchType specified here.
			Note that all of the line items and maintenance line items on the matching entitlements are in the response, not just the ones directly related to the maintenance query parameter. In addition, the entitlements in the response may or may not themselves contain the matching maintenance line items.

maintIsPermanent	boolean	0..1	Optional. Set to true if the maintenance is permanent; false if the maintenance expires. Searches for entitlements that have regular line items that are linked with maintenance line items that are permanent (true) or expiring (false). Note that all of the line items and maintenance line items on the matching entitlements are in the response, not just the ones directly related to the maintenance query parameter. In addition, the entitlements in the response may or may not themselves contain the matching maintenance line items.

Content Model

Component	Type	Occurs	Description

maintExpirationDate	DateQueryType	0..1	Optional. A **maintExpirationDate** element contains:
			• **value**—a date value to compare to the maintenance expiration date value.
			• **searchType**—which is one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON.
			Searches for entitlements that have regular line items that are linked with maintenance line items with a expiration date that matches the value and searchType specified here.
			Note that all of the line items and maintenance line items on the matching entitlements are in the response, not just the ones directly related to the maintenance query parameter. In addition, the entitlements in the response may or may not themselves contain the matching maintenance line items.

entitlementAttributes	entCustomAttributesQueryListType	0..1	See entCustomAttributesQueryListType.

Complex Type: searchEntitlementLineItemPropertiesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchActivatableItemDataType	1..1	Required. See searchActivatableItemDataType. Leave this element blank to return all activatable line items.
entitlementLineItemResponseConfig	entitlementLineItemResponseConfigRequestType	1..1	See entitlementLineItemResponseConfigRequestType.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
pageNumber	integer	0..1	Required. Starts at 1. Say the operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Referenced By

Name	Type
searchEntitlementLineItemPropertiesRequest	Element
getEntitlementLineItemPropertiesQuery	Method

Complex Type: searchEntitlementLineItemPropertiesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlementLineItem</td><td>entitlementLineItemPropertiesType</td><td>0..*</td><td>See entitlementLineItemPropertiesType.</td></tr>
</table>

Referenced By

Name	Type
searchEntitlementLineItemPropertiesResponse	Element

Complex Type: searchEntitlementMaintenanceLineItemPropertiesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchMaintenanceLineItemDataType	1..1	See searchMaintenanceLineItemDataType.
entitlementMaintenanceLineItemResponseConfig	entitlementMaintenanceLineItemResponseConfigRequestType	1..1	See entitlementMaintenanceLineItemResponseConfigRequestType.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
pageNumber	integer	0..1	Required. Starts at 1. Say the operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Referenced By

Name	Type
searchEntitlementMaintenanceLineItemPropertiesRequest	Element
getEntitlementMaintenanceLineItemPropertiesQuery	Method

Complex Type: searchEntitlementMaintenanceLineItemPropertiesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlementMaintenanceLineItem</td><td>entitlementMaintenanceLineItemPropertiesType</td><td>0..*</td><td>See entitlementMaintenanceLineItemPropertiesType.</td></tr>
</table>

Referenced By

Name	Type
searchEntitlementMaintenanceLineItemPropertiesResponse	Element

Complex Type: searchEntitlementRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementSearchCriteria	searchEntitlementDataType	1..1	Required. See searchEntitlementDataType.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
pageNumber	integer	0..1	Defaults to 1. Say the getEntitlementCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Referenced By

Name	Type
searchEntitlementRequest	Element
getEntitlementsQuery	Method

Complex Type: searchEntitlementResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlement</td><td>entitlementDataType</td><td>0..*</td><td>See entitlementDataType.</td></tr>
</table>

Referenced By

Name	Type
searchEntitlementResponse	Element

Complex Type: searchMaintenanceLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

entitlementId	SimpleQueryType	0..1	Optional. An **entitlementId** element contains:
			• **value**—a string to match part or all of the entitlement ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

activationId	SimpleQueryType	0..1	Optional. An **activationId** element contains:
			• **value**—a string to match part or all of the product name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

maintenanceProductName	SimpleQueryType	0..1	Optional. A **maintenanceProductName** element contains:
			• **value**—a string to match part or all of the product name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

maintenanceProductVersion	SimpleQueryType	0..1	Optional. A **maintenanceProductVersion** element contains:
			• **value**—a string to match part or all of the product version.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

partNumber	SimpleQueryType	0..1	Optional. A **partNumber** element contains:
			• **value**—a string to match part or all of the part number.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

startDate	DateQueryType	0..1	Optional. A **startDate** element contains:
			• **value**—a date value to compare to the start date value.
			• **searchType**—which is one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

isPermanent	boolean	0..1	Optional. Whether the entitlement, and therefore, the license activated from it, is permanent. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.

expirationDate	DateQueryType	0..1	Optional. A **expirationDate** element contains:
			• **value**—a date value to compare to the expiration date value.
			• **searchType**—which is one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

createdOnDateTime	DateTimeQueryType	0..1	
lastModifiedDateTime	DateTimeQueryType	0..1	

Content Model

Component	Type	Occurs	Description

orderId	SimpleQueryType	0..1	Optional. An **orderID** element contains:
			• **value**—a string to match part or all of the sold-to account.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

orderLineNumber	SimpleQueryType	0..1	Optional. An **orderLineNumber** element contains:
			• **value**—a string to match part or all of the sold-to account.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

withNoOrderId	boolean	0..1	Optional. A **withNoOrderId** element contains:
			• **value**—a string to match part or all of the sold-to account.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

maintenanceLineItemAttributes	customAttributesQueryListType	0..1	See customAttributesQueryListType.

Complex Type: setEntitlementStateRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlement	entitlementStateDataType	1..*	Required. A setEntitlementState request contains an array of entitlement elements for which to change the state. See entitlementStateDataType.

Referenced By

Name	Type
setEntitlementStateRequest	Element
setEntitlementState	Method

Complex Type: setEntitlementStateResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedEntitlementStateDataListType</td><td>0..1</td><td>Information about the entitlements whose state was not set is listed in the failedData element. See failedEntitlementStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setEntitlementStateResponse	Element

Complex Type: setLineItemStateRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItem	lineItemStateDataType	1..*	Required. A **setLineItemState** request contains an array of **lineItem** elements for which to change the state. See lineItemStateDataType.

Referenced By

Name	Type
setLineItemStateRequest	Element
setLineItemState	Method

Complex Type: setLineItemStateResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedLineItemStateDataListType</td><td>0..1</td><td>Information about the line items whose state was not set is listed in the failedData element. See failedLineItemStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setLineItemStateResponse	Element

Complex Type: setMaintenanceLineItemStateRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLineItem	maintenanceLineItemStateDataType	1..*	See maintenanceLineItemStateDataType.

Referenced By

Name	Type
setMaintenanceLineItemStateRequest	Element
setMaintenanceLineItemState	Method

Complex Type: setMaintenanceLineItemStateResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—The request was processed. • FAILURE—The request was not processed.</td></tr><tr><td>reason</td><td>string</td><td>Gives the reason for the failure.</td></tr></table>
failedMaintenanceData	failedMaintenanceLineItemStateDataListType	0..1	See failedMaintenanceLineItemStateDataListType.

Referenced By

Name	Type
setMaintenanceLineItemStateResponse	Element

Complex Type: simpleEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	idType	1..1	See idType.
lastModifiedDateTime	dateTime	0..1	The date and time the enttilement was last modified.
description	string	0..1	Optional description field, used while creating or updating the simple entitlement.
soldTo	string	1..1	Optional. Account that has the right to fulfill or distribute activation IDs from this entitlement. Deprecated in favor of the **channelPartners** element.
soldToName	string	0..1	The account display name of the account the entitlement was sold to.
shipToEmail	string	0..1	Email address for a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Postal address for the sold-to account.
emailTemplateVariation	string	0..1	Optional. The name of the email template for the entitlement. If not specified, the email template configured for the license technology will be selected. If no email template is configured for the license technology, the default email template will be selected.
state	StateType	0..1	One of the following: • TEST • DRAFT • DEPLOYED • INACTIVE • OBSOLETE • ON_HOLD
createdUserId	string	0..1	User name of the user who created this entitlement.
lineItems	entitlementLineItemDataType	0..*	See entitlementLineItemDataType.
maintenanceLineItems	maintenanceLineItemDataType	0..*	See maintenanceLineItemDataType.

Content Model

Component	Type	Occurs	Description
channelPartners	channelPartnerDataListType	0..1	See channelPartnerDataListType.
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.
entitlementAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: SimpleQueryType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Complex Type: splitBulkEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntIdentifier	entitlementIdentifierType	1..1	Required. Identifier (entitlement ID) of the original bulk entitlement that was the source of the split. See entitlementIdentifierType.
newBulkEntIdentifier	entitlementIdentifierType	0..1	Optional. If a new bulk entitlement was created, this is the identifier (entitlement ID) of the entitlement that contains the line items that received the web register keys as a result of the split. See entitlementIdentifierType.

Complex Type: splitBulkEntitlementInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.
numberOfWRKs	integer	1..1	Required. The number of unredeemed web register keys to assign.
targetTierName	string	1..1	Required. The name of the tier that contains the target account. The tier name exists in the OPS_PARTNER_TIER_NAME table. By default, this table includes the tier names for the End Customer and Distributor tiers. Custom tier names can be added to the table manually. In the web services, the targetTierName string must always be specified as the constant value, not the display value. So for example, End Customer has to be specified as bo.constants.partnertiernames.endcustomer and Distributor as bo.constants.partnertiernames.tier1.
targetAccountUnit	accountIdentifierType	1..1	Required. The target account. See accountIdentifierType.
targetContact	userIdentifierType	0..1	Optional. The user at the target account who you want to receive email messages about the result of this operation. See userIdentifierType.
matchingBulkEntIdentifier	entitlementIdentifierType	0..1	Optional. Existing entitlement line item to which the web register keys are to be transferred. If no matchingBulkEntIdentifier or matchingLineItemIdentifier is specified, or if the specified identifier does not match a compatible, existing bulk entitlement or redeemed web register key, the split operation creates a new bulk entitlement, at the target account, to receive the web register keys. See entitlementLineItemIdentifierType.
matchingLineItemIdentifier	entitlementLineItemIdentifierType	0..1	Optional. Existing entitlement line item to which the web register keys are to be transferred. If no matchingBulkEntIdentifier or matchingLineItemIdentifier is specified, or if the specified identifier does not match a compatible, existing bulk entitlement or redeemed web register key, the split operation creates a new bulk entitlement, at the target account, to receive the web register keys. See entitlementLineItemIdentifierType.

Complex Type: splitBulkEntitlementListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementInfo	splitBulkEntitlementInfoType	1..*	Required. A **splitBulkEntitlementList** contains one or more **bulkEntitlementInfo** elements. See splitBulkEntitlementInfoType.

Complex Type: splitBulkEntitlementRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementList	splitBulkEntitlementListType	1..1	Required. See splitBulkEntitlementListType.

Referenced By

Name	Type
splitBulkEntitlementRequest	Element
splitBulkEntitlement	Method

Complex Type: splitBulkEntitlementResponseListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
splitBulkEntitlement	splitBulkEntitlementDataType	1..*	**responseData** contains one or more **splitBulkEntitlement** elements. See splitBulkEntitlementDataType.

Complex Type: splitBulkEntitlementResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>splitBulkEntitlementResponseListType</td><td>0..1</td><td>Information about the bulk entitlement that was split, and optionally the bulk entitlement to which the split web register keys went, is listed in the responseData element. See splitBulkEntitlementResponseListType.</td></tr>
<tr><td>failedData</td><td>failedSplitBulkEntitlementListType</td><td>0..1</td><td>Information about an entitlement line item that was not split is listed in the failedData element. See failedSplitBulkEntitlementListType.</td></tr>
</table>

Referenced By

Name	Type
splitBulkEntitlementResponse	Element

Complex Type: splitLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	Required. If a new line item was created, this is the identifier (activation ID) of the original line item that was the source of the split. See entitlementLineItemIdentifierType.
entitlementIdentifier	entitlementIdentifierType	0..1	Optional. Identifier (entitlement ID) of the entitlement that contains the line item that received the counts as a result of the split. See entitlementIdentifierType.

Complex Type: splitLineItemInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	Required. The line item to split. See entitlementLineItemIdentifierType.
numberOfCopies	integer	1..1	Required. The number of copies to split to another line item.
targetTierName	string	1..1	Required. The name of the tier that contains the target account. The tier name exists in the OPS_PARTNER_TIER_NAME table. By default, this table includes the tier names for the End Customer and Distributor tiers. Custom tier names can be added to the table manually. In the web services, the targetTierName string must always be specified as the constant value, not the display value. So for example, End Customer has to be specified as bo.constants.partnertiernames.endcustomer and Distributor as bo.constants.partnertiernames.tier1
targetAccountUnit	accountIdentifierType	1..1	The target account in the target tier. See accountIdentifierType.
targetContact	userIdentifierType	0..1	Optional. The user at the target account who you want to receive email messages about the result of this operation. See userIdentifierType.
matchingLineItemIdentifier	entitlementLineItemIdentifierType	0..1	Optional. Existing entitlement line item to which the count specified as numberOfCopies is to be transferred. If no matchingLineItemIdentifier is specified, or if it does not match to an existing entitlement line item, the split operation creates a new entitlement and line item at the target account. See entitlementLineItemIdentifierType.

Complex Type: splitLineItemListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemInfo	splitLineItemInfoType	1..*	Required. A **lineItemList** contains one or more **lineItemInfo** elements. See splitLineItemInfoType.

Complex Type: splitLineItemRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemList	splitLineItemListType	1..1	Required. See splitLineItemListType.

Referenced By

Name	Type
splitLineItemRequest	Element
splitLineItem	Method

Complex Type: splitLineItemResponseListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
splitLineItem	splitLineItemDataType	1..*	**responseData** contains one or more **splitLineItem** elements. See splitLineItemDataType.

Complex Type: splitLineItemResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>splitLineItemResponseListType</td><td>0..1</td><td>Information about the entitlement line item that was split, and optionally the entitlement to which the split counts went, is listed in the responseData element. See splitLineItemResponseListType.</td></tr>
<tr><td>failedData</td><td>failedSplitLineItemListType</td><td>0..1</td><td>Information about an entitlement line item that was not split is listed in the failedData element. See failedSplitLineItemListType.</td></tr>
</table>

Referenced By

Name	Type
splitLineItemResponse	Element

Complex Type: stateChangeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
eventName	StateChangeEventType	1..1	See StateChangeEventType.
eventDate	dateTime	1..1	The date and time that the event occurred.
userId	string	1..1	The user name of the user who initiated the event.
description	string	0..1	Optional. Description of the event.

Complex Type: stateChangeResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureList	featureStateChangeListType	0..1	Optional. See featureStateChangeListType.
featureBundleList	featureBundleStateChangeListType	0..1	Optional. See featureBundleStateChangeListType.
productList	productStateChangeListType	0..1	Optional. See productStateChangeListType.
licenseModelList	licenseModelStateChangeListType	0..1	Optional. See licenseModelStateChangeListType.
simpleEntitlementList	entitlementStateChangeListType	0..1	Optional. See entitlementStateChangeListType.
bulkEntitlementList	entitlementStateChangeListType	0..1	Optional. See entitlementStateChangeListType.

Complex Type: StateQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	StateType	1..1	StateType value of TEST, DRAFT, DEPLOYED, INACTIVE, OBSOLETE to match part or all of the state value.
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Complex Type: StatusInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Complex Type: suiteIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the suite.
primaryKeys	suitePKType	0..1	Database primary key of the suite. See suitePKType.

Complex Type: suitePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the suite.
version	string	1..1	The **version** of the suite.

Complex Type: transferEntitlementInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.
accountTo	string	1..1	Required. Account identifier of the account to which the entitlement is to be transferred.
retainExistingIds	boolean	0..1	Optional. Set to true to preserve entitlement and activation IDs associated with the entitlement after it is transferred. Set to false (the default) to have FlexNet Operations generate new entitlement and activation IDs for the entitlement. If custom IDs are required, they must be set in subsequent update requests.
returnActiveFulfillments	boolean	0..1	Optional. Set to true (the default) to return any active fulfillments that have been activated against this entitlement before the transfer is done. The transfer cannot proceed if there are active fulfillments against the entitlement.

Content Model

Component	Type	Occurs	Description
returnRemainingLineItems	boolean	0..1	The **returnRemainingLineItems** setting is used during the transfer of entitlements when the configuration property **Transfer entitlement with remaining quantity only** is enabled. If this configuration is disabled, the **returnRemainingLineItems** setting has no impact on the transfer process. • **When returnRemainingLineItems is enabled (true):** During an entitlement transfer, if some line items are already deployed, the remaining undeployed line items will be transferred to the target entitlement. ***Example**: Suppose entitlement E1 with activation AC1 has a quantity of 100, and 20 line items have been deployed. If returnRemainingLineItems is enabled, the remaining 80 undeployed line items will be transferred to the target entitlement.* • **When returnRemainingLineItems is disabled (false):** If some line items are already deployed during an entitlement transfer, an error message will be returned, indicating that the entitlement cannot be transferred because certain line items are already deployed. ***Example**: Suppose entitlement E1 with activation AC1 has a quantity of 100, and 20 line items have been deployed. If returnRemainingLineItems is disabled, an error message will be returned as part of the response.* By default, **returnRemainingLineItems** is set to false. This property only takes effect if the **Transfer entitlement with remaining quantity only** configuration property is enabled.
forceTransferEvenIfNoTargetUsers	boolean	0..1	Optional. Set to true to force the transfer even in cases where product category constraints prevent all current users at the target account from seeing the entitlement. Default: false.

Content Model

Component	Type	Occurs	Description
forceTransferEvenIfParentAndChildSeparated	boolean	0..1	Optional. Set to true to force the transfer even in cases where the transfer causes the parent and child line items to be separated. There are two cases in which this separation might occur: • If the entitlement has line items that are child line items that have a specified parent, and the parent line item does not belong to this same entitlement or the target account, then all such child line items will have the parents set to null. • If the entitlement has line items such that any one is a parent (has child line items) and the child line items belong to other entitlements. Default: false.

Complex Type: transferEntitlementsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementInfo	transferEntitlementInfoType	1..*	Required. See transferEntitlementInfoType.

Complex Type: transferEntitlementsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementList	transferEntitlementsListType	1..1	Required. See transferEntitlementInfoType.

Referenced By

Name	Type
transferEntitlementsRequest	Element
transferEntitlement	Method

Complex Type: transferEntitlementsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>transferredEntitlementsListType</td><td>0..1</td><td>Information about the entitlements that were transferred is listed in the responseData element. See transferredEntitlementsListType.</td></tr>
<tr><td>failedData</td><td>failedTransferEntitlementListType</td><td>0..1</td><td>Information about the entitlements that were not added is listed in the failedData element. See failedTransferEntitlementListType.</td></tr>
</table>

Referenced By

Name	Type
transferEntitlementsResponse	Element

Complex Type: transferLineItemInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	Required. See entitlementLineItemIdentifierType.
numberOfCopies	integer	1..1	Required. The number of copies to transfer.
useSameActivationId	boolean	0..1	Optional. Set to true to preserve the activation ID associated with the entitlement line item after it is transferred. Set to false (the default) to specify a custom activation ID for the new line item or to have FlexNet Operations generate a new activation ID for the entitlement line item.
customActivationId	string	0..1	Specify a custom activation ID if **useSameActivationId** is false and you want assign a specific activation ID for the new line item. Set **generateActivationId** to false.
generateActivationId	boolean	0..1	Set to true if **useSameActivationId** is false and you want FlexNet Operations to generate an activation ID for the new line item. Do not set a **customActivationId**.
entitlementBelongsTo	entitlementIdentifierType	1..1	Required. Existing entitlement to which the line items are to be transferred. See entitlementIdentifierType.

Complex Type: transferLineItemsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemInfo	transferLineItemInfoType	1..*	Required. A **lineItemList** contains one or more **lineItemInfo** elements. See transferLineItemInfoType.

Complex Type: transferLineItemsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemList	transferLineItemsListType	1..1	Required. See transferLineItemsListType.

Referenced By

Name	Type
transferLineItemsRequest	Element
transferLineItem	Method

Complex Type: transferLineItemsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>transferredLineItemsListType</td><td>0..1</td><td>Information about the entitlements that were transferred is listed in the responseData element. See transferredLineItesmsListType.</td></tr>
<tr><td>failedData</td><td>failedTransferLineItemListType</td><td>0..1</td><td>Information about the entitlements that were not added is listed in the failedData element. See failedTransferLineItemListType.</td></tr>
</table>

Referenced By

Name	Type
transferLineItemsResponse	Element

Complex Type: transferredEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Entitlement ID of the transferred entitlement. See entitlementIdentifierType.
lineItemIdentifierMap	transferredLineItemMapType	0..*	Array of line items on the transferred entitlement. See transferredLineItemMapType.

Complex Type: transferredEntitlementsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
transferredEntitlement	transferredEntitlementDataType	1..*	**responseData** contains one or more **transferredEntitlement** elements. See transferredEntitlementDataType.

Complex Type: transferredLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	Identifier of the new line item. See entitlementLineItemIdentifierType.
transferredFromId	entitlementLineItemIdentifierType	1..1	Identifier of the line item before the transfer. See entitlementLineItemIdentifierType.

Complex Type: transferredLineItemMapType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	Activation ID of the transferred line item.
transferredFromId	string	0..1	If the IDs on the entitlement were not retained during transfer, this element contains the previous activation ID of the entitlement line item. If the IDs were retained for the transferred entitlement, this element contains an activation ID that has been altered from the previous ID.

Complex Type: transferredLineItemsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
transferredLineItem	transferredLineItemDataType	1..*	**responseData** contains one or more **transferredLineItem** elements. See transferredLineItemDataType.

Complex Type: trustedKeyIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the transaction key.
primaryKeys	trustedKeyPKType	0..1	Database primary key of the transaction key. See trustedKeyPKType.

Complex Type: trustedKeyPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
keyName	string	1..1	The **keyName** of the transaction key.

Complex Type: unlinkMaintenanceLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	The licensed product line item to be unlinked. See entitlementLineItemIdentifierType.
maintenanceLineItemIdentifier	entitlementLineItemIdentifierType	1..1	The maintenance line item to be unlinked. See entitlementLineItemIdentifierType.

Complex Type: unlinkMaintenanceLineItemListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
unlinkMaintenanceLineItem	unlinkMaintenanceLineItemDataType	1..*	See unlinkMaintenanceLineItemDataType.

Complex Type: unlinkMaintenanceLineItemRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
unlinkMaintenanceLineItemList	unlinkMaintenanceLineItemListType	1..1	See unlinkMaintenanceLineItemListType.

Referenced By

Name	Type
unlinkMaintenanceLineItemRequest	Element
unlinkMaintenanceLineItem	Method

Complex Type: unlinkMaintenanceLineItemResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUnlinkMaintenanceLineItemListType</td><td>0..1</td><td>See failedUnlinkMaintenanceLineItemListType.</td></tr>
</table>

Referenced By

Name	Type
unlinkMaintenanceLineItemResponse	Element

Complex Type: updateBulkEntitlementDataType

Description

The **entitlementIdentifier** always needs to be specified, along with the new values of the elements to be updated.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.
entitlementId	idType	0..1	Only need to specify if modifying value. See idType.
soldTo	string	0..1	Optional. Only need to specify if modifying the value of the Distributor account. Account that has the right to fulfill or distribute activation IDs from this entitlement. Deprecated in favor of the **channelPartners** element.
product	productIdentifierType	0..1	Only need to specify if modifying value. See productIdentifierType.
partNumber	partNumberIdentifierType	0..1	Only need to specify if modifying value. See partNumberIdentifierType.
licenseModel	licenseModelIdentifierType	0..1	Only need to specify if modifying value. See licenseModelIdentifierType.
alternateLicenseModel1	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
alternateLicenseModel2	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
licenseModelAttributes	attributeDescriptorDataType	0..1	Any entitlement-time attributes must be set before deployment of the entitlement. If a request or response contains multiple license models, the accompanying license model attributes are a union of the attributes in all the license models. Therefore, if any license attributes are shared among the license models, they all must be assigned the same value. See attributeDescriptorDataType.

Content Model

Component	Type	Occurs	Description
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
policyAttributes	policyAttributesListType	0..1	Only need to specify if modifying values. See policyAttributesListType.
shipToEmail	string	0..1	Only need to specify if modifying value. Email address for a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Only need to specify if modifying value. Postal address for the sold-to account.
orderId	string	0..1	Only need to specify if modifying value. Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Only need to specify if modifying value. Order line number from CRM or ERP system.
startDateOption	StartDateOptionType	0..1	At what point the start date is defined, where this is of the following values: • DEFINE_AT_FIRST_ACTIVATION • DEFINE_AT_EACH_ACTIVATION • DEFINE_ACTDATE_AT_FIRST_ACTIVATION • DEFINE_ACTDATE_AT_EACH_ACTIVATION
isPermanent	boolean	0..1	Only need to specify if modifying value. Whether the entitlement, and therefore, license activated from it, is permanent. If true, the entitlement line item, and the licenses activated from it, never expire. If true, do not set **term** or **expirationDate**. If false, set **term** or **expirationDate**, but not both. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.

Content Model

Component	Type	Occurs	Description
term	DurationType	0..1	Only need to specify if modifying value. The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See DurationType. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both.
expirationDate	date	0..1	Only need to specify if modifying value. The date that the entitlement line item, and the licenses activated from it, expire. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set **term** or **expirationDate**, but not both.
versionDate	date	0..1	Only need to specify if modifying value. If any of the features in the product use date-based versions, and you want to set the version date when the line item is created, set **versionDate** and set **versionDateAttributes** to DEFINE_NOW. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionDateAttributes	versionDateAttributesType	0..1	Only need to specify if modifying value. If any of the features in the product use date-based versions, set **versionDateAttributes** to reflect when and how you want to specify the version date. See versionDateAttributesType.
numberOfCopies	integer	0..1	Only need to specify if modifying value. Number of copies of the product entitled by each web register key on this entitlement.
description	string	0..1	Only need to specify if modifying value. Describe what makes this bulk entitlement unique.
autoDeploy	boolean	0..1	Whether to deploy this entitlement as soon as it is updated.
updatedEntitledProducts	updateEntitledProductDataListType	0..1	See updateEntitledProductDataListType.
channelPartners	channelPartnerDataListType	0..1	Optional. Only need to specify if modifying value. The account in the specified tier will be added or replaced. See channelPartnerDataListType.
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.

Complex Type: updateBulkEntitlementRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlement	updateBulkEntitlementDataType	1..*	Required. An updateBulkEntitlementRequest contains a bulkEntitlement element. See updateBulkEntitlementDataType.

Referenced By

Name	Type
updateBulkEntitlementRequest	Element
updateBulkEntitlement	Method

Complex Type: updateBulkEntitlementResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateBulkEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not updated is listed in the failedData element. See failedUpdateBulkEntitlementDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateBulkEntitlementResponse	Element

Complex Type: updateEntitledProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitledProducts	entitledProductDataType	0..*	See entitledProductDataType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each entitlement to be modified: • REPLACE • ADD • DELETE

Complex Type: updateEntitlementLineItemDataType

Description

The **entitlementIdentifier** always needs to be specified, along with the new values of the elements to be updated

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.
lineItemData	updateLineItemDataType	0..*	See updateLineItemDataType.
maintenanceLineItemData	updateMaintenanceLineItemDataType	0..*	See updateMaintenanceLineItemDataType.
autoDeploy	boolean	0..1	Whether to deploy this line item as soon as it is updated.

Complex Type: updateEntitlementLineItemRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemData	updateEntitlementLineItemDataType	1..*	Required. An updateEntitlementLineItemRequest contains a lineItemData element. See updateEntitlementLineItemDataType.

Referenced By

Name	Type
updateEntitlementLineItemRequest	Element
updateEntitlementLineItem	Method

Complex Type: updateEntitlementLineItemResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateEntitlementLineItemDataListType</td><td>0..1</td><td>Information about the line items that were not updated is listed in the failedData element. See failedUpdateEntitlementLineItemDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateEntitlementLineItemResponse	Element

Complex Type: updateLineItemDataType

Description

The **lineItemIdentifier** always needs to be specified, along with the new values of the elements to be updated

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	Required. See entitlementLineItemIdentifierType.
activationId	idType	0..1	Only need to specify if modifying value. See idType.
description	string	0..1	Optional description of the entitlement line item.
product	productIdentifierType	0..1	Only need to specify if modifying value. See productIdentifierType.
partNumber	partNumberIdentifierType	0..1	Only need to specify if modifying value. See partNumberIdentifierType.
licenseModel	licenseModelIdentifierType	0..1	Only need to specify if modifying value. See licenseModelIdentifierType.
alternateLicenseModel1	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
alternateLicenseModel2	licenseModelIdentifierType	0..1	Optional. Up to three license models are supported on a FlexNet license technology line item, one each of a certificate-based, trusted storage, and embedded on a single line item. See licenseModelIdentifierType.
licenseModelAttributes	attributeDescriptorDataType	0..1	Any entitlement-time attributes must be set before deployment of the entitlement. If a request or response contains multiple license models, the accompanying license model attributes are a union of the attributes in all the license models. Therefore, if any license attributes are shared among the license models, they all must be assigned the same value. See attributeDescriptorDataType.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
policyAttributes	policyAttributesListType	0..1	Only need to specify if modifying values. See policyAttributesListType.

Content Model

Component	Type	Occurs	Description
orderId	string	0..1	Only need to specify if modifying value. Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Only need to specify if modifying value. Order line number from CRM or ERP system.
numberOfCopies	integer	0..1	Only need to specify if modifying value. Number of copies of the product entitled by this line item.
startDate	date	0..1	Only need to specify if modifying value. Start date of the entitlement, which will also be the start date of the license. If the start date is not set on the entitlement line item, it will be set when the first license is activated against the line item. Do not set unless the startDateOption is set to DEFINE_NOW.
startDateOption	StartDateOptionType	0..1	At what point the start date is defined, where this is of the following values: • DEFINE_NOW • DEFINE_AT_FIRST_ACTIVATION • DEFINE_AT_EACH_ACTIVATION • DEFINE_ACTDATE_AT_FIRST_ACTIVATION • DEFINE_ACTDATE_AT_EACH_ACTIVATION
isPermanent	boolean	0..1	Only need to specify if modifying value. Whether the entitlement, and therefore, license activated from it, is permanent. If true, the entitlement line item, and the licenses activated from it, never expire. If true, do not set **term** or **expirationDate**. If false, set either **term** or **expirationDate**. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.

Content Model

Component	Type	Occurs	Description
term	DurationType	0..1	Only need to specify if modifying value. The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See DurationType. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set either **term** or **expirationDate**.
expirationDate	date	0..1	Only need to specify if modifying value. The date that the entitlement line item, and the licenses activated from it, expire. If **isPermanent** is true, do not set **term** or **expirationDate**. If **isPermanent** is false, set either **term** or **expirationDate**.
isAutoRenewal	boolean	0..1	Controls whether a line item is automatically renewed. If set to **True**, the line item will be renewed according to the **renewalInterval** or **renewalExpirationDate** that is set. • **True**: Set this field to **True** to enable auto-renewal of this line item. On the day of expiration, the line item's expiration date is extended to the new end date (**renewalExpirationDate**) or duration (**renewalInterval**) set for the line item. • **False**: Set this field to False to disable automatic renewal. (Default)
renewalInterval	DurationType	0..1	Set the duration after which the line item expires after it has been automatically renewed.
renewalExpirationDate	date	0..1	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.
versionDate	date	0..1	Only need to specify if modifying value. If any of the features in the product use date-based versions, and you want to set the version date when the line item is created, set **versionDate** and set **versionDateAttributes** to DEFINE_NOW. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionDateAttributes	versionDateAttributesType	0..1	Only need to specify if modifying value. If any of the features in the product use date-based versions, set **versionDateAttributes** to reflect when and how you want to specify the version date. See versionDateAttributesType.
parentLineItem	parentLineItemIdentifierType	0..1	Only need to specify if modifying value. See parentLineItemIdentifierType.
updatedEntitledProducts	updateEntitledProductDataListType	0..1	See updateEntitledProductDataListType.
entitledProducts	entitledProductDataListType	0..1	Deprecated. Use updatedEntitledProducts[] instead. See entitledProductDataListType.

Content Model

Component	Type	Occurs	Description
lineItemAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: updateMaintenanceLineItemDataType

Description

The **lineItemIdentifier** always needs to be specified, along with the new values of the elements to be updated.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	entitlementLineItemIdentifierType	1..1	Required. See entitlementLineItemIdentifierType.
activationId	idType	0..1	Only need to specify if modifying value. See idType.
maintenanceProduct	productIdentifierType	0..1	Only need to specify if modifying value. See productIdentifierType.
partNumber	partNumberIdentifierType	0..1	Only need to specify if modifying value. See partNumberIdentifierType.
orderId	string	0..1	Optional. Order ID from CRM or ERP system.
orderLineNumber	string	0..1	Optional. Order line number from CRM or ERP system.
startDate	date	0..1	Only need to specify if modifying value. Start date of the entitlement, which will also be the start date of maintenance.
expirationDate	date	0..1	Only need to specify if modifying value. The date that the entitlement line item, and maintenance, expire.
isPermanent	boolean	0..1	Only need to specify if modifying value. Whether the entitlement, and therefore, license activated from it, is permanent. If true, the entitlement line item, and the licenses activated from it, never expire. If true, do not set **term** or **expirationDate**. If false, set either **term** or **expirationDate**. • If **isPermanent** is set to false, a query response will contain only expiring lineitem details. • If **isPermanent** is set to true, a query response will contain only permanent lineitem details. • If **isPermanent** is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.

Content Model

Component	Type	Occurs	Description
parentLineItem	entitlementLineItemIdentifierType	0..1	Only need to specify if modifying value. The entitlement line item that contains the activatable product to which the maintenance is related. See entitlementLineItemIdentifierType.
maintenanceLineItemAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: updateSimpleEntitlementDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.
entitlementId	idType	0..1	Only need to specify if modifying value. See idType.
description	string	0..1	Optional description of the entitlement.
soldTo	string	0..1	Optional. Only need to specify if modifying the value of the End Customer account. accountthat has the right to fulfill or distribute activation IDs from this entitlement. Deprecated in favor of the channelPartners element.
shipToEmail	string	0..1	Only need to specify if modifying value. Email address for a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Only need to specify if modifying value. Postal address for the sold-to account.
emailTemplateVariation	string	0..1	Optional. The name of the email template for the entitlement. If not specified, the email template configured for the license technology will be selected. If no email template is configured for the license technology, the default email template will be selected.
autoDeploy	boolean	0..1	If set, the entitlement is automatically deployed after the update.
channelPartners	channelPartnerDataListType	0..1	Optional. Only need to specify if modifying value. The account in the specified tier will be added or replaced. See channelPartnerDataListType.
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.
entitlementAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Complex Type: updateSimpleEntitlementRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
simpleEntitlement	updateSimpleEntitlementDataType	1..*	Required. An **updateSimpleEntitlementRequest** contains a simpleEntitlement element. See updateSimpleEntitlementDataType.

Referenced By

Name	Type
updateSimpleEntitlementRequest	Element
updateSimpleEntitlement	Method

Complex Type: updateSimpleEntitlementResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateSimpleEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not updated is listed in the failedData element. See failedUpdateSimpleEntitlementDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateSimpleEntitlementResponse	Element

Complex Type: userIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	User's unique ID.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.

Complex Type: userPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
firstName	string	1..1	User's first name.
lastName	string	1..1	User's last name.
emailAddress	string	1..1	User's email address.
phoneNumber	string	0..1	User's phone number.

Complex Type: valueType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	0..*	Valid values for a MULTI_VALUED_TEXT license model attribute.

Complex Type: versionDateAttributesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
versionOption	VersionDateOptionType	1..1	One of the following: • DEFINE_NOW • USE_START_DATE • USE_ACTIVATION_DATE • DEFINE_VERSION_STARTDATE_LATER • DEFINE_VERSION_DATE_LATER
duration	DurationType	0..1	Optional. See DurationType.

Complex Type: VersionFormatQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	VersionFormatType	1..1	**VersionFormatType** of FIXED or DATE_BASED.
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Complex Type: virtualLicensePolicyDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
isVirtualLicense	boolean	1..1	**True**—Activation permitted on a virtual machine. **False**—Activation prevented on a virtual machine.

Complex Type: webRegKeyCountDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
totalCount	integer	1..1	The total number of web register keys that have been added to the bulk entitlement
redeemedCount	integer	1..1	The number of **totalCount** that have already been redeemed

Complex Type: webRegKeyDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKeyData	addWebRegKeyDataType	1..*	**responseData** contains one or more **webRegKeyData** elements. See addWebRegKeyDataType.

Complex Type: webRegKeyDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKey	string	0..*	Optional. Provide web register keys in an array of strings, if **autoGenerate** is set to false.
autoGenerate	boolean	0..1	Optional. Set to false if providing your own web register key values; to true if you want the web register keys to be autogenerated.
numAutoGenerate	integer	0..1	Optional. Provide the number of web register keys to be autogenerated, if **autoGenerate** is set to true.

Complex Type: webRegKeysDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKeys	webRegKeyType	0..1	A **responseData** element contains a **webRegKeys** element that contains an array of **webRegKey** strings.

Complex Type: webRegKeysListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKey	string	0..*	Provide web register keys in an array of strings.

Complex Type: webRegKeyType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKey	string	1..*	

Simple Types: EntitlementOrderService

Simple Types

Name
accountType
AcctType
activatableItemSortKey
CollectionOperationType
CreateOrUpdateOperationType
LineItemType
StateChangeEventType

Simple Type: accountType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Simple Type: AcctType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Simple Type: activatableItemSortKey

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
ENTITLEMENT_ID	
PARENT_BULK_ENTITLEMENT_ID	
ACTIVATION_ID	
LINE_ITEM_ORDERABLE_NAME	
LINE_ITEM_ORDERABLE_VERSION	
LINE_ITEM_SKU	
LINE_ITEM_START_DATE	
LINE_ITEM_EXPIRATION_DATE	
LINE_ITEM_ORDER_ID	
LINE_ITEM_ORDER_LINE_NUMBER	
LINE_ITEM_FULFILLED_AMOUNT	
CONTACT	
SOLD_TO_NAME	
LINE_ITEM_ACTIVATABLE_ITEM_TYPE	
SOLD_TO_DISPLAY_NAME	
CURRENT_OWNER_ORG_NAME	
LINE_ITEM_CREATED_ON	
LINE_ITEM_LAST_MODIFIED	

Simple Type: CollectionOperationType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
REPLACE	
ADD	
DELETE	

CREATE_OR_IGNORE

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CREATE_OR_UPDATE	
CREATE_OR_IGNORE	

Simple Type: LineItemType

Description

This Simple Type denotes the type of the entitlement line item or the type of order used to create this line item.

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
NEW	
UPGRADE	
UPSELL	
RENEWAL	

Simple Type: StateChangeEventType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
EVENT_CREATED	
EVENT_PROPERTY_CHANGED	
EVENT_STATE_CHANGED	
EVENT_TRANSFERRED	

Elements: EntitlementOrderService

Elements

Name	Description
addWebRegKeyRequest	An **addWebRegKeyRequest** message contains an element of addWebRegKeyRequestType.
addWebRegKeyResponse	An **addWebRegKeyResponse** message contains an element of addWebRegKeyResponseType. Each web register key in the **addWebRegKeyRequest** is added as an atomic unit; adding each either succeeds or fails
createBulkEntitlementRequest	A **createBulkEntitlementRequest** message contains an element of createBulkEntitlementRequestType.
createBulkEntitlementResponse	A **createBulkEntitlementResponse** message contains an element of createBulkEntitlementResponseType. Each entitlement in the **createBulkEntitlementRequest** is added as an atomic unit; adding each either succeeds or fails.
createEntitlementLineItemRequest	A **createEntitlementLineItemRequest** message contains an element of addOrReplaceEntitlementLineItemRequestType.
createEntitlementLineItemResponse	A **createEntitlementLineItemResponse** message contains an element of addOrReplaceEntitlementLineItemResponseType. Each line in the **createEntitlementLineItemRequest** is added as an atomic unit; adding each either succeeds or fails.
createSimpleEntitlementRequest	A **createSimpleEntitlementRequest** message contains an element of createSimpleEntitlementRequestType.
createSimpleEntitlementResponse	A **createSimpleEntitlementResponse** message contains an element of createSimpleEntitlementResponseType. Each entitlement in the **createSimpleEntitlementRequest** is added as an atomic unit; adding each either succeeds or fails.
deleteEntitlementRequest	A **deleteEntitlementRequest** message contains an element of deleteEntitlementRequestType.
deleteEntitlementResponse	A **deleteEntitlementResponse** message contains an element of deleteEntitlementResponseType. Each entitlement in the **deleteEntitlementRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about entitlements that were deleted successfully.
deleteMaintenanceLineItemRequest	A **deleteMaintenanceLineItemRequest** message contains an element of deleteMaintenanceLineItemRequestType.
deleteMaintenanceLineItemResponse	A **deleteMaintenanceLineItemResponse** message contains an element of deleteMaintenanceLineItemResponseType. Each maintenace line item in the **deleteMaintenanceLineItemRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about line items that were deleted successfully
deleteWebRegKeyRequest	A **deleteWebRegKeyRequest** message contains an element of deleteWebRegKeyRequestType.
deleteWebRegKeyResponse	An **deleteWebRegKeyResponse** message contains an element of deleteWebRegKeyResponseType. Each web register key in the **deleteWebRegKeyRequest** is deleted as an atomic unit; deleting each either succeeds or fails.

Elements

Name	Description
emailActivatableItemRequest	An **emailActivatableItemRequest** message contains an element of emailActivatableItemRequestType.
emailActivatableItemResponse	An **emailActivatableItemResponse** message contains an element of emailActivatableItemResponseType.
emailEntitlementRequest	An **emailEntitlementRequest** message contains an element of emailEntitlementRequestType.
emailEntitlementResponse	An **emailEntitlementResponse** message contains an element of emailEntitlementResponseType.
getActivatableItemCountRequest	A **getActivatableItemCountRequest** message contains an element of getActivatableItemCountRequestType.
getActivatableItemCountResponse	A **getActivatableItemCountResponse** message contains an element of getActivatableItemCountResponseType.
getBulkEntitlementCountRequest	A **getBulkEntitlementCountRequest** message contains an element of getBulkEntitlementCountRequestType.
getBulkEntitlementCountResponse	A **getBulkEntitlementCountResponse** message contains an element of getEntitlementCountResponseType.
getBulkEntitlementPropertiesRequest	A **getBulkEntitlementPropertiesRequest** message contains an element of getBulkEntitlementPropertiesRequestType.
getBulkEntitlementPropertiesResponse	A **getBulkEntitlementQueryResponse** message contains an element of getBulkEntitlementQueryResponseType. ***Note:*** *The soldTo element is supported for backwards compatibility in the response to this operation, and now the channelPartners element is also supported. Note, however, that the query parameters of the operation do not support the channelPartners element. soldTo or parentBulkEntSoldTo should still be used to specify an account in the query request or response.*
getEntitlementAttributesRequest	A **getEntitlementAttributesRequest** message contains an element of getEntitlementAttributesRequestType.
getEntitlementAttributesResponse	A **getEntitlementAttributesResponse** message contains an element of getEntitlementAttributesResponseType.
getEntitlementCountRequest	A **getEntitlementCountRequest** message contains an element of getEntitlementCountRequestType.
getEntitlementCountResponse	A **getEntitlementCountResponse** message contains an element of getEntitlementCountResponseType.
getExactAvailableCountRequest	A **getExactAvailableCountRequest** message contains an element of getExactAvailableCountRequestType.
getExactAvailableCountResponse	A **getExactAvailableCountResponse** message contains an element of getExactAvailableCountResponseType.
getMatchingBulkEntsRequest	A **getMatchingBulkEntsRequest** message contains an element of getMatchingBulkEntsRequestType.
getMatchingBulkEntsResponse	A **getMatchingBulkEntsResponse** message contains an element of getMatchingBulkEntsResponseType.
getMatchingLineItemsRequest	A **getMatchingLineItemsRequest** message contains an element of getMatchingLineItemsRequestType.

Elements

Name	Description
getMatchingLineItemsResponse	A **getMatchingLineItemsResponse** message contains an element of getMatchingLineItemsResponseType.
getStateChangeHistoryRequest	A **getStateChangeHistoryRequest** message contains an element of getStateChangeHistoryRequestType.
getStateChangeHistoryResponse	A **getStateChangeHistoryResponse** message contains an element of getStateChangeHistoryResponseType.
getWebRegKeyCountRequest	A **getWebRegKeyCountRequest** message contains an element of getWebRegKeyCountRequestType.
getWebRegKeyCountResponse	A **getWebRegKeyCountResponse** message contains an element of getWebRegKeyCountResponseType.
getWebRegKeysQueryRequest	A **getWebRegKeysQueryRequest** message contains an element of getWebRegKeysQueryRequestType.
getWebRegKeysQueryResponse	A **getWebRegKeysQueryResponse** message contains an element of getWebRegKeysQueryResponseType.
linkMaintenanceLineItemRequest	A **linkMaintenanceLineItemRequest** message contains an element of linkMaintenanceLineItemRequestType.
linkMaintenanceLineItemResponse	A **linkMaintenanceLineItemResponse** message contains an element of linkMaintenanceLineItemResponseType.
mapEntitlementsToUserRequest	A **mapEntitlementsToUserRequest** message contains an element of mapEntitlementsToUserRequestType.
mapEntitlementsToUserResponse	A **mapEntitlementsToUserResponse** message contains an element of mapEntitlementsToUserResponseType. Each ID in the **mapEntitlementsToUserRequest** is added as an atomic unit; adding each either succeeds or fails.
mergeEntitlementsRequest	A **mergeEntitlementsRequest** message contains an element of mergeEntitlementsRequestType.
mergeEntitlementsResponse	A **mergeEntitlementsResponse** message contains an element of mergeEntitlementsResponseType.
removeEntitlementLineItemRequest	A **removeEntitlementLineItemRequest** message contains an element of removeEntitlementLineItemRequestType.
removeEntitlementLineItemResponse	A **removeEntitlementLineItemResponse** message contains an element of removeEntitlementLineItemResponseType. Each line item in the **removeEntitlementLineItemRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about line items that were deleted successfully.
renewalExpirationDate [type createEntitlementLineItemDataType]	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.
renewalExpirationDate [type entitlementLineItemPropertiesType]	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.
renewalExpirationDate [type entitlementLineItemResponseConfigRequestType]	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

Elements

Name	Description
renewalExpirationDate [type searchActivatableItemDataType]	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.
renewalExpirationDate [type searchEntitlementDataType]	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.
renewalExpirationDate [type updateLineItemDataType]	Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.
renewalInterval [type createEntitlementLineItemDataType]	Set the duration after which the line item expires after it has been automatically renewed.
renewalInterval [type entitlementLineItemPropertiesType]	Set the duration after which the line item expires after it has been automatically renewed.
renewalInterval [type entitlementLineItem ResponseConfigRequestType]	Set the duration after which the line item expires after it has been automatically renewed.
renewalInterval [type searchActivatableItemDataType]	Set the duration after which the line item expires after it has been automatically renewed.
renewalInterval [type searchEntitlementDataType]	Set the duration after which the line item expires after it has been automatically renewed.
renewalInterval [type updateLineItemDataType]	Set the duration after which the line item expires after it has been automatically renewed.
renewedLineItem [type createdRenewEntitlementDataType]	Renewed line item that was created. See renewedEntitlementLineItemDataType.
renewLicenseRequest	A **renewLicenseRequest** message contains an element of renewEntitlementRequestType.
renewLicenseResponse	A **renewLicenseResponse** message contains an element of renewEntitlementResponseType. Each entitlement in the **renewLicenseRequest** is renewed as an atomic unit; renewing each either succeeds or fails.
replaceEntitlementLineItemRequest	A **replaceEntitlementLineItemRequest** message contains an element of replaceOnlyEntitlementLineItemRequestType.
replaceEntitlementLineItemResponse	A **replaceEntitlementLineItemResponse** message contains an element of replaceOnlyEntitlementLineItemResponseType.
searchActivatableItemRequest	A **searchActivatableItemRequest** message contains an element of searchActivatableItemRequestType.
searchActivatableItemResponse	A **searchActivatableItemResponse** message contains an element of searchActivatableItemResponseType. This operation will not return maintenance line items. ***Note:*** *The soldTo element is supported for backwards compatibility in the response to this operation, and now the channelPartners element is also supported. Note, however, that the query parameters of the operation do not support the channelPartners element. soldTo or parentBulkEntSoldTo should still be used to specify an account in the query request or response.*
searchEntitlementLineItemPropertiesRequest	A **searchEntitlementLineItemPropertiesRequest** message contains an element of searchEntitlementLineItemPropertiesRequestType.

Elements

Name	Description
searchEntitlementLineItemPropertiesResponse	A **searchEntitlementLineItemPropertiesResponse** message contains an element of searchEntitlementLineItemPropertiesResponseType. A user will see only elements configured in entitlementLineItemResponseConfig. Selecting too many elements for a response can negatively impact performance. Only select the elements required for a given response ***Note:*** *The soldTo element is supported for backwards compatibility in the response to this operation, and now the channelPartners element is also supported. Note, however, that the query parameters of the operation do not support the channelPartners element. soldTo or parentBulkEntSoldTo should still be used to specify an account in the query request or response.*
searchEntitlementMaintenanceLineItemPropertiesRequest	A **searchEntitlementMaintenanceLineItemPropertiesRequest** message contains an element of searchEntitlementMaintenanceLineItemPropertiesRequestType.
searchEntitlementMaintenanceLineItemPropertiesResponse	A **searchEntitlementMaintenanceLineItemPropertiesResponse** message contains an element of searchEntitlementMaintenanceLineItemPropertiesResponseType.
searchEntitlementRequest	A **searchEntitlementRequest** message contains an element of searchEntitlementRequestType.
searchEntitlementResponse	A **searchEntitlementResponse** message contains an element of searchEntitlementResponseType. ***Note:****The soldTo element is supported for backwards compatibility in the response to this operation, and now the channelPartners element is also supported. Note, however, that the query parameters of the operation do not support the channelPartners element. soldTo or parentBulkEntSoldTo should still be used to specify an account in the query request or response.*
setEntitlementStateRequest	A **setEntitlementStateRequest** message contains an element of setEntitlementStateRequestType.
setEntitlementStateResponse	A **setEntitlementStateResponse** message contains an element of setEntitlementStateResponseType.
setLineItemStateRequest	A **setLineItemStateRequest** message contains an element of setLineItemStateRequestType.
setLineItemStateResponse	A **setLineItemStateResponse** message contains an element of setLineItemStateResponseType.
setMaintenanceLineItemStateRequest	A **setMaintenanceLineItemStateRequest** message contains an element of setMaintenanceLineItemStateRequestType.
setMaintenanceLineItemStateResponse	A **setMaintenanceLineItemStateResponse** message contains an element of setMaintenanceLineItemStateResponseType.
splitBulkEntitlementRequest	A **splitBulkEntitlementRequest** message contains an element of splitBulkEntitlementRequestType.
splitBulkEntitlementResponse	A **splitBulkEntitlementResponse** message contains an element of splitBulkEntitlementResponseType.
splitLineItemRequest	A **splitLineItemRequest** message contains an element of splitLineItemRequestType.
splitLineItemResponse	A **splitLineItemResponse** message contains an element of splitLineItemResponseType.

Elements

Name	Description
transferEntitlementsRequest	A **transferEntitlementsRequest** message contains an element of transferEntitlementsRequestType.
transferEntitlementsResponse	A **transferEntitlementsResponse** message contains an element of transferEntitlementsResponseType. Each entitlement in the **transferEntitlementsRequest** is transferred as an atomic unit; transferring each either succeeds or fails.
transferLineItemsRequest	A **transferLineItemsRequest** message contains an element of transferLineItemsRequestType.
transferLineItemsResponse	A **transferLineItemsResponse** message contains an element of transferLineItemsResponseType. Each entitlement line item in the **transferLineItemsRequest** is transferred as an atomic unit; transferring each either succeeds or fails.
unlinkMaintenanceLineItemRequest	An **unlinkMaintenanceLineItemRequest** message contains an element of unlinkMaintenanceLineItemRequestType.
unlinkMaintenanceLineItemResponse	An **unlinkMaintenanceLineItemResponse** message contains an element of unlinkMaintenanceLineItemResponseType.
updateBulkEntitlementRequest	An **updateBulkEntitlementRequest** message contains an element of updateBulkEntitlementRequestType.
updateBulkEntitlementResponse	An **updateBulkEntitlementResponse** message contains an element of updateBulkEntitlementResponseType.
updateEntitlementLineItemRequest	An **updateEntitlementLineItemRequest** message contains an element of updateEntitlementLineItemRequestType.
updateEntitlementLineItemResponse	A **updateEntitlementLineItemResponse** message contains an element of updateEntitlementLineItemResponseType. Each entitlement in the **updateEntitlementLineItemRequest** is updated as an atomic unit; updating each either succeeds or fails.
updateSimpleEntitlementRequest	An **updateSimpleEntitlementRequest** message contains an element of updateSimpleEntitlementRequestType.
updateSimpleEntitlementResponse	A **updateSimpleEntitlementResponse** message contains an element of updateSimpleEntitlementResponseType. Each entitlement in the **updateSimpleEntitlementRequest** is updated as an atomic unit; updating each either succeeds or fails.
upgradeLicenseRequest	An **upgradeLicenseRequest** message contains an element of EntitlementLifeCycleRequestType.
upgradeLicenseResponse	An **upgradeLicenseResponse** message contains an element of EntitlementLifeCycleResponseType. Each entitlement in the **upgradeLicenseRequest** is renewed as an atomic unit; upgrading each either succeeds or fails.
upsellLicenseRequest	An **upsellLicenseRequest** message contains an element of EntitlementLifeCycleRequestType.
upsellLicenseResponse	An **upsellLicenseResponse** message contains an element of EntitlementLifeCycleResponseType. Each entitlement in the **upsellLicenseRequest** is renewed as an atomic unit; upselling each either succeeds or fails.

Element: addWebRegKeyRequest

Description

An **addWebRegKeyRequest** message contains an element of addWebRegKeyRequestType.

Derived By

Type addWebRegKeyRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKeyData	addWebRegKeyDataType	1..*	Required. An addWebRegKeyRequest contains an array of webRegKeyData elements to be added. See addWebRegKeyDataType.
processSync	boolean	0..1	Optional. Set to true to create web register keys synchronously, that is, the Web services client will be blocked until the request is completely processed. Use synchronous processing only for creating small numbers of web register keys at a time. By default, web register key creation is asynchronous.

Referenced By

Name	Type
createWebRegKey	Method

XML Example

The following XML fragment illustrates an **addWebRegKeyRequest** message:

```
<addWebRegKeyRequest>
  <webRegKeyData>
    <bulkEntitlement>
      <primaryKeys>
        <entitlementId>Ent_bulk_basic</entitlementId>
      </primaryKeys>
    </bulkEntitlement>
    <webRegKeys>
      <webRegKey>WRK-1</webRegKey>
      <webRegKey>WRK-2</webRegKey>
      <webRegKey>WRK-3</webRegKey>
      <webRegKey>WRK-4</webRegKey>
      <webRegKey>WRK-5</webRegKey>
    </webRegKeys>
  </webRegKeyData>
  <processSync>true</processSync>
</addWebRegKeyRequest>
```

Element: addWebRegKeyResponse

Description

An **addWebRegKeyResponse** message contains an element of addWebRegKeyResponseType.

Each web register key in the **addWebRegKeyRequest** is added as an atomic unit; adding each either succeeds or fails

Derived By

Type addWebRegKeyResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>webRegKeyDataListType</td><td>0..1</td><td>Information about the web register keys that were added is listed in the responseData element. See webRegKeyDataListType. Not populated for asynchronous requests or for requests in which the web register keys are not autogenerated.</td></tr>
<tr><td>failedData</td><td>failedAddWebRegKeyDataListType</td><td>0..1</td><td>Information about the web register keys that were not added is listed in the failedData element. See failedAddWebRegKeyDataListType. Not populated for asynchronous requests or for requests in which the web register keys are autogenerated.</td></tr>
</table>

Referenced By

Name	Type
createWebRegKey	Method

XML Example

The following XML fragment illustrates a successful **addWebRegKeyResponse** message:

```
<addWebRegKeyResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</addWebRegKeyResponse>
```

Element: createBulkEntitlementRequest

Description

A **createBulkEntitlementRequest** message contains an element of createBulkEntitlementRequestType.

Derived By

Type createBulkEntitlementRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlement	createBulkEntitlementDataType	1..*	Required. A **createBulkEntitlementRequest** contains a **bulkEntitlement** element. See createBulkEntitlementDataType.

Referenced By

Name	Type
createBulkEntitlement	Method

XML Example

The following XML fragment illustrates a **createBulkEntitlementRequest** message:

```
<createBulkEntitlementRequest>
  <bulkEntitlement>
    <entitlementId>
      <id>Ent_bulk_basic</id>
    </entitlementId>
    <soldTo>SENTRY</soldTo>
    <product>
      <primaryKeys>
        <name>Product_basic</name>
        <version>1.0</version>
      </primaryKeys>
    </product>
    <partNumber>
      <primaryKeys>
        <partId>100-001</partId>
      </primaryKeys>
    </partNumber>
    <licenseModel>
      <primaryKeys>
        <name>Nodelocked Uncounted</name>
      </primaryKeys>
    </licenseModel>
    <licenseModelAttributes>
      <attribute>
        <attributeName>SERIAL_NUMBER</attributeName>
        <stringValue>test sno</stringValue>
      </attribute>
```

XML Example


```
        <attribute>
          <attributeName>NOTICE</attributeName>
          <stringValue>test notice</stringValue>
        </attribute>
      </licenseModelAttributes>
      <policyAttributes>
        <repairsPolicy>
          <allowedCount>1</allowedCount>
          <policyTerm>
            <duration>1</duration>
            <durationUnit>MONTHS</durationUnit>
          </policyTerm>
        </repairsPolicy>
        <extraActivationsPolicy>
          <allowedCount>1</allowedCount>
        </extraActivationsPolicy>
        <virtualLicensePolicy>
          <isVirtualLicense>false</isvirtualLicense>
        </virtualLicensePolicy>
      </policyAttributes>
      <shipToEmail>test@example.com</shipToEmail>
      <shipToAddress>San Jose</shipToAddress>
      <isPermanent>false</isPermanent>
      <term>
        <numDuration>90</numDuration>
        <durationUnit>DAYS</durationUnit>
      </term>
      <autoDeploy>true</autoDeploy>
    </bulkEntitlement>
  </createBulkEntitlementRequest>
```

Element: createBulkEntitlementResponse

Description

A **createBulkEntitlementResponse** message contains an element of createBulkEntitlementResponseType.

Each entitlement in the **createBulkEntitlementRequest** is added as an atomic unit; adding each either succeeds or fails.

Derived By

Type createBulkEntitlementResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedBulkEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not added is listed in the failedData element. See failedBulkEntitlementDataListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
responseData	createdBulkEntitlementDataListType	0..1	Information about the entitlements that were added is listed in the **responseData** element. See createdBulkEntitlementDataListType.

Referenced By

Name	Type
createBulkEntitlement	Method

XML Example

The following XML fragment illustrates a successful **createBulkEntitlementResponse** message:

```
<createBulkEntitlementResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <createdBulkEntitlement>
      <recordRefNo>1</recordRefNo>
      <uniqueId>HID-100289</uniqueId>
      <bulkEntitlementId>Ent_bulk_basic</bulkEntitlementId>
    </createdBulkEntitlement>
  </responseData>
</createBulkEntitlementResponse>
```

Element: createEntitlementLineItemRequest

Description

A **createEntitlementLineItemRequest** message contains an element of addOrReplaceEntitlementLineItemRequestType.

Derived By

Type addOnlyEntitlementLineItemRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItem	addEntitlementLineItemDataType	1..*	See addEntitlementLineItemDataType.
opType	CreateOrUpdateOperationType	0..1	One of the following: • CREATE_OR_UPDATE • CREATE_OR_IGNORE **Note:** If the **opType** is specified as either **CREATE_OR_IGNORE** or **CREATE_OR_UPDATE**, then specifying the entitlement identifier is important. If the entitlement identified by the **entitlementIdentifier** is not found, then the response could be a **FAILURE**. If the **opType** is set to **CREATE_OR_UPDATE** and the line item identifier exists, the system will try to handle the request as an update. Updates to the **associatedLineItems** and **lineItemType** will be ignored.

Referenced By

Name	Type
createEntitlementLineItem	Method

XML Example

The following XML fragment illustrates a **createEntitlementLineItemRequest** message:

```
<createEntitlementLineItemRequest>
  <lineItem>
    <entitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent-simple-test</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
    <lineItems>
```

XML Example


```
      <activationId>
        <id>Ent-simple-test-1</id>
      </activationId>
      <product>
        <primaryKeys>
          <name>Basic Paint</name>
          <version>1.0</version>
        </primaryKeys>
      </product>
      <licenseModel>
        <primaryKeys>
          <name>Nodelocked Uncounted</name>
        </primaryKeys>
      </licenseModel>
      <licenseModelAttributes>
        <attribute>
          <attributeName>NOTICE</attributeName>
          <stringValue>n</stringValue>
        </attribute>
        <attribute>
          <attributeName>SERIAL_NUMBER</attributeName>
          <stringValue>sn</stringValue>
        </attribute>
      </licenseModelAttributes>
      <orderId>100</orderId>
      <orderLineNumber>1</orderLineNumber>
      <numberOfCopies>10</numberOfCopies>
      <isPermanent>true</isPermanent>
    </lineItems>
    <maintenanceLineItems>
      <activationId>
        <id>Ent-simple-test-1M</id>
      </activationId>
      <maintenanceProduct>
        <primaryKeys>
          <name>Paint Maintenance</name>
          <version>1.0</version>
        </primaryKeys>
      </maintenanceProduct>
      <startDate>2008-01-15</startDate>
      <expirationDate>2008-01-15</expirationDate>
      <parentLineItem>
        <primaryKeys>
          <activationId>Ent-simple-test-1</activationId>
        </primaryKeys>
      </parentLineItem>
      <!--Optional:-->
      <maintenanceLineItemAttributes>
      <!--Zero or more repetitions:-->
        <attribute>
          <attributeName>murmure montis</attributeName>
          <!--Optional:-->
          <stringValue>vinclis et</stringValue>
          <!--Optional:-->
          <dateValue>2008-11-04</dateValue>
          <!--Optional:-->
          <booleanValue>true</booleanValue>
          <!--Optional:-->
          <integerValue>100</integerValue>
          <!--Zero or more repetitions:-->
          <arrayValue>sciret dare</arrayValue>
        </attribute>
      </maintenanceLineItemAttributes>
    </maintenanceLineItems>
    <autoDeploy>true</autoDeploy>
  </lineItem>
```

XML Example

```
</createEntitlementLineItemRequest>
```

Element: createEntitlementLineItemResponse

Description

A **createEntitlementLineItemResponse** message contains an element of addOrReplaceEntitlementLineItemResponseType.

Each line in the **createEntitlementLineItemRequest** is added as an atomic unit; adding each either succeeds or fails.

Derived By

Type addOnlyEntitlementLineItemResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—All items in the request were processed.
• PARTIAL_FAILURE—Some, but not all items in the request were processed.
• FAILURE—None of the items in the request were processed.

If the opType is CREATE_OR_IGNORE, then, the operation finds out if the line item was present – if present, it ignores the line item and proceeds with the next line item. If the line item was not present, it will create that item. All items that are ignored will be copied to the responseData of the response.

If the opType is CREATE_OR_UPDATE, then the operation updates the line item if present, otherwise creates it.
Note: A line item request cannot succeed in the absence of an entitlement request.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedAddEntitlementLineItemDataListType	0..1	See failedAddEntitlementLineItemDataListType.
responseData	addedEntitlementLineItemDataListType	0..1	See addedEntitlementLineItemDataListType.

Referenced By

Name	Type
createEntitlementLineItem	Method

XML Example

The following XML fragment illustrates a **createEntitlementLineItemResponse** message:

```
<createEntitlementLineItemResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <addedLineItems>
      <entitlementIdentifier>
        <primaryKeys>
          <entitlementId>Ent-simple-test</entitlementId>
        </primaryKeys>
      </entitlementIdentifier>
      <lineItemUniqueIds>HID-220111</lineItemUniqueIds>
      <maintenanceLineItemUniqueIds>HID-220112
      </maintenanceLineItemUniqueIds>
    </addedLineItems>
  </responseData>
</createEntitlementLineItemResponse>
```

Element: createSimpleEntitlementRequest

Description

A **createSimpleEntitlementRequest** message contains an element of createSimpleEntitlementRequestType.

Derived By

Type createSimpleEntitlementRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
simpleEntitlement	createSimpleEntitlementDataType	1..*	Required. A **createSimpleEntitlementRequest** contains an array of **simpleEntitlement** elements to be added. See createSimpleEntitlementDataType.
opType	CreateOrUpdateOperationType	0..1	One of the following: • CREATE_OR_UPDATE • CREATE_OR_IGNORE **Note:** If the **opType** is **CREATE_OR_UPDATE**, then the incoming request is split internally as a **createRequest** (containing all entitlements that need to be created) and an **updateRequest** (containing all entitlements that need to be updated). If there is even a single failure in the **createRequest**, the whole of the **createRequest** fails. If there is a single failure in the **updateRequest**, the whole of the **updateRequest** fails. However if the **createRequest** succeeds and **updateRequest** fails (or vice-versa) , the overall status is **PARTIAL_FAILURE**. The **FAILURE** case arises wherein both **createRequest** and **updateRequest** fail. If the **opType** is set to **CREATE_OR_UPDATE** and the entitlement already exists in the system once the line item create/update portion is finished and then if the update of the entitlement is requested but returns an error, then the entire entitlement request will fail. However, the updates to the line items which have been completed, will not be rolled back.

Referenced By

Name	Type
createSimpleEntitlement	Method

XML Example

The following XML fragment illustrates a **createSimpleEntitlementRequest** message:

```
<createSimpleEntitlementRequest>
  <simpleEntitlement>
    <entitlementId>
      <id>Ent_basic</id>
    </entitlementId>
    <soldTo>ACME</soldTo>
    <shipToEmail>test@example.com</shipToEmail>
    <shipToAddress>San Jose</shipToAddress>
    <lineItems>
      <activationId>
        <id>Ent_basic_1</id>
      </activationId>
      <product>
        <primaryKeys>
          <name>Product_basic</name>
          <version>1.0</version>
        </primaryKeys>
      </product>
      <licenseModel>
        <primaryKeys>
          <name>FC Ent Policies</name>
        </primaryKeys>
      </licenseModel>
      <licenseModelAttributes>
        <attribute>
          <attributeName>SERIAL_NUMBER</attributeName>
          <stringValue>serial</stringValue>
        </attribute>
        <attribute>
          <attributeName>NOTICE</attributeName>
          <stringValue>notice</stringValue>
        </attribute>
      </licenseModelAttributes>
      <policyAttributes>
        <rehostsPolicy>
          <allowedCount>4</allowedCount>
          <policyTerm>
            <duration>1</duration>
            <durationUnit>DAYS</durationUnit>
          </policyTerm>
        </rehostsPolicy>
        <returnsPolicy>
          <allowedCount>2</allowedCount>
          <policyTerm>
            <duration>1</duration>
            <durationUnit>WEEKS</durationUnit>
          </policyTerm>
        </returnsPolicy>
        <repairsPolicy>
          <allowedCount>2</allowedCount>
          <policyTerm>
            <duration>1</duration>
            <durationUnit>MONTHS</durationUnit>
          </policyTerm>
        </repairsPolicy>
        <extraActivationsPolicy>
          <allowedCount>10</allowedCount>
        </extraActivationsPolicy>
        <virtualLicensePolicy>
          <isVirtualLicense>false</isVirtualLicense>
        </virtualLicensePolicy>
      </policyAttributes>
      <orderId>OR125</orderId>
      <orderLineNumber>1</orderLineNumber>
```

XML Example

```
        <numberOfCopies>10</numberOfCopies>
        <expirationDate>2008-11-30</expirationDate>
      </lineItems>
      <maintenanceLineItems>
        <!--Optional:-->
        <maintenanceLineItemAttributes>
          <!--Zero or more repetitions:-->
          <attribute>
            <attributeName>murmure montis</attributeName>
            <!--Optional:-->
            <stringValue>vinclis et</stringValue>
            <!--Optional:-->
            <dateValue>2008-11-04</dateValue>
            <!--Optional:-->
            <booleanValue>true</booleanValue>
            <!--Optional:-->
            <integerValue>100</integerValue>
            <!--Zero or more repetitions:-->
            <arrayValue>sciret dare</arrayValue>
          </attribute>
        </maintenanceLineItemAttributes>
      </maintenanceLineItems>
    </createSimpleEntitlementRequest>
```

Element: createSimpleEntitlementResponse

Description

A **createSimpleEntitlementResponse** message contains an element of createSimpleEntitlementResponseType.

Each entitlement in the **createSimpleEntitlementRequest** is added as an atomic unit; adding each either succeeds or fails.

Derived By

Type createSimpleEntitlementResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.
When the opType is either CREATE_OR_UPDATE or CREATE_OR_IGNORE, the Entitlement response and the Line Item response together result in the final response.
Both the Entitlement response and the Line Item response must be a success for the final result to be a success.
If one is a success and the other is a failure, the final</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>result is a failure.
• If one is a partial failure and one is a failure, the final result is a failure.
Note: A line item request cannot succeed in the absence of an entitlement request.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedSimpleEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not added is listed in the failedData element. See failedSimpleEntitlementDataListType.</td></tr>
<tr><td>responseData</td><td>createdSimpleEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were added is listed in the responseData element. See createdSimpleEntitlementDataListType.</td></tr>
</table>

Referenced By

Name	Type
createSimpleEntitlement	Method

XML Example

The following XML fragment illustrates a successful **createSimpleEntitlementResponse** message:

```
<createSimpleEntitlementResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <createdSimpleEntitlement>
      <recordRefNo>1</recordRefNo>
      <uniqueId>HID-100270</uniqueId>
      <entitlementId>Ent_basic</entitlementId>
      <lineItemUniqueIds>HID-100288</lineItemUniqueIds>
    </createdSimpleEntitlement>
  </responseData>
</createSimpleEntitlementResponse>
```

Element: deleteEntitlementRequest

Description

A **deleteEntitlementRequest** message contains an element of deleteEntitlementRequestType.

Derived By

Type deleteEntitlementRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlement	deleteEntitlementDataType	1..*	Required. A **deleteEntitlementRequest** contains an array of **entitlement** elements to be deleted. See deleteEntitlementDataType.

Referenced By

Name	Type
deleteEntitlement	Method

XML Example

The following XML fragment illustrates a **deleteEntitlementRequest** message:

```
<deleteEntitlementRequest>
  <entitlement>
    <entitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent_basic_a_mod</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
  </entitlement>
</deleteEntitlementRequest>
```

Element: deleteEntitlementResponse

Description

A **deleteEntitlementResponse** message contains an element of deleteEntitlementResponseType.

Each entitlement in the **deleteEntitlementRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about entitlements that were deleted successfully.

Derived By

Type deleteEntitlementResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not deleted is listed in the failedData element. See failedDeleteEntitlementDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteEntitlement	Method

XML Example

The following XML fragment illustrates a successful **deleteEntitlementResponse** message:

```
<deleteEntitlementResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteEntitlementResponse>
```

Element: deleteMaintenanceLineItemRequest

Description

A **deleteMaintenanceLineItemRequest** message contains an element of deleteMaintenanceLineItemRequestType.

Derived By

Type deleteMaintenanceLineItemRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLineItemData	deleteMaintenanceLineItemDataType	1..*	Required. A **deleteMaintenanceLineItemRequest** contains an array of maintenanceLineItemData elements to be deleted. See deleteMaintenanceLineItemDataType.

Referenced By

Name	Type
deleteMaintenanceLineItem	Method

XML Example

The following XML fragment illustrates a **deleteMaintenanceLineItemRequest** message:

```
<deleteMaintenanceLineItemRequest>
  <maintenanceLineItemData>
    <maintenanceLineItemIdentifier>
      <primaryKeys>
        <activationId>Ent-trans-1</activationId>
      </primaryKeys>
    </maintenanceLineItemIdentifier>
  </maintenanceLineItemData>
</deleteMaintenanceLineItemRequest>
```

Element: deleteMaintenanceLineItemResponse

Description

A **deleteMaintenanceLineItemResponse** message contains an element of deleteMaintenanceLineItemResponseType.

Each maintenace line item in the **deleteMaintenanceLineItemRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about line items that were deleted successfully

Derived By

Type deleteMaintenanceLineItemResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteMaintenanceLineItemDataListType</td><td>0..1</td><td>Information about the maintenance line items that were not deleted is listed in the failedData element. See failedDeleteMaintenanceLineItemDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteMaintenanceLineItem	Method

XML Example

The following XML fragment illustrates a successful **deleteMaintenanceLineItemResponse** message:

```
<deleteMaintenanceLineItemResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteMaintenanceLineItemResponse>
```

Element: deleteWebRegKeyRequest

Description

A **deleteWebRegKeyRequest** message contains an element of deleteWebRegKeyRequestType.

Derived By

Type deleteWebRegKeyRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
webRegKeyList	webRegKeysListType	1..1	Required. A **deleteWebRegKeyRequest** contains a **webRegKeyList** element to be added. See webRegKeysListType.

Referenced By

Name	Type
deleteWebRegKey	Method

XML Example

The following XML fragment illustrates a **deleteWebRegKeyRequest** message:

```
<deleteWebRegKeyRequest>
  <webRegKeyList>
    <webRegKeys>
      <webRegKey>WRK-1</webRegKey>
      <webRegKey>WRK-2</webRegKey>
      <webRegKey>WRK-3</webRegKey>
      <webRegKey>WRK-4</webRegKey>
      <webRegKey>WRK-5</webRegKey>
    </webRegKeys>
  </webRegKeyList>
</deleteWebRegKeyRequest>
```

Element: deleteWebRegKeyResponse

Description

An **deleteWebRegKeyResponse** message contains an element of deleteWebRegKeyResponseType.

Each web register key in the **deleteWebRegKeyRequest** is deleted as an atomic unit; deleting each either succeeds or fails.

Derived By

Type deleteWebRegKeyResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteWebRegKeyListType</td><td>0..1</td><td>Information about the web register keys that were not deleted is listed in the failedData element. See failedDeleteWebRegKeyListType.</td></tr>
</table>

Referenced By

Name	Type
deleteWebRegKey	Method

XML Example

The following XML fragment illustrates a successful **deleteWebRegKeyResponse** message:

```
<deleteWebRegKeyResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteWebRegKeyResponse>
```

Element: emailActivatableItemRequest

Description

An **emailActivatableItemRequest** message contains an element of emailActivatableItemRequestType.

Derived By

Type emailActivatableItemRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	Required. An **emailActivatableItemRequest** contains an **activationId** element identifying the activatable item for which to email a certificate.
ignoreExistingEmailList	boolean	0..1	Optional. If true, all email addresses must be specified explicitly in the request. It is not possible to specify which of a list of existing email addresses to exclude (exclude all or none). If not set, the value is false.
validateEmailAddresses	boolean	0..1	Optional. Perform simple validation of email addresses in the request? Default is false. regex: "^[_A-Za-z0-9-\\+\\.\\%]+@" + "([A-Za-z0-9-\\.]+)(\\.[A-Za-z]{1,10})$"
emailIdList	emailContactListType	0..1	See emailContactListType.
ccEmailIdList	emailContactListType	0..1	
bccEmailIdList	emailContactListType	0..1	
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US. Set to the preferred locale for the entitlement certificate and email templates. If the locale is valid and templates have been configured for that locale, the localized templates will be used to send the email.

Referenced By

Name	Type
emailActivatableItem	Method

XML Example

The following XML fragment illustrates an **emailActivatableItemRequest** message:

```
<emailActivatableItemRequest>
  <activationId>ACT-3467923978</activationId>
  <emailIdList>
```

XML Example

```
        <emailId>test@example.com</emailId>
      </emailIdList>
    </emailActivatableItemRequest>
```

Element: emailActivatableItemResponse

Description

An **emailActivatableItemResponse** message contains an element of emailActivatableItemResponseType.

Derived By

Type emailActivatableItemResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Referenced By

Name	Type
emailActivatableItem	Method

XML Example

The following XML fragment illustrates a successful **emailActivatableItemResponse** message:

```
<emailActivatableItemResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</emailActivatableItemResponse>
```

Element: emailEntitlementRequest

Description

An **emailEntitlementRequest** message contains an element of emailEntitlementRequestType.

Derived By

Type emailEntitlementRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	Required. An emailEntitlementRequest contains an entitlementIdentifier element identifying the entitlement certificate to be emailed. See entitlementIdentifierType.
ignoreExistingEmailList	boolean	0..1	Optional. If true, all email addresses must be specified explicitly in the request. It is not possible to specify which of a list of existing email addresses to exclude (exclude all or none). If not set, the value is false.
validateEmailAddresses	boolean	0..1	Optional. Perform simple validation of email addresses in the request? Default is false. regex: "^[_A-Za-z0-9-\\+\\.\\%]+@" +"([A-Za-z0-9-\\.]+)(\\.[A-Za-z]{1,10})$"
emailIdList	emailContactListType	0..1	See emailContactListType.
ccEmailIdList	emailContactListType	0..1	
bccEmailIdList	emailContactListType	0..1	
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US. Set to the preferred locale for the entitlement certificate and email templates. If the locale is valid and templates have been configured for that locale, the localized templates will be used to send the email.

Referenced By

Name	Type
emailEntitlement	Method

XML Example

The following XML fragment illustrates an **emailEntitlementRequest** message:

```
<emailEntitlementRequest>
  <entitlementIdentifier>
```

XML Example

```
      <primaryKeys>
        <entitlementId>186c-6b21-0c49-7f17-bf7f-f1</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
    <emailIdList>
      <emailId>test@example.com</emailId>
    </emailIdList>
  </emailEntitlementRequest>
```

Element: emailEntitlementResponse

Description

An **emailEntitlementResponse** message contains an element of emailEntitlementResponseType.

Derived By

Type emailEntitlementResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Referenced By

Name	Type
emailEntitlement	Method

XML Example

The following XML fragment illustrates a successful **emailEntitlementResponse** message:

```
<emailEntitlementResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</emailEntitlementResponse>
```

Element: getActivatableItemCountRequest

Description

A **getActivatableItemCountRequest** message contains an element of getActivatableItemCountRequestType.

Derived By

Type getActivatableItemCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchActivatableItemDataType	1..1	Required. See searchActivatableItemDataType. Leave this element blank to return all activatable line items.
restrictToItemsReadyToActivate	boolean	0..1	Optional. Only use for the **getActivatableItemCount** operation. Restricts the search to only items ready to activate.

Referenced By

Name	Type
getActivatableItemCount	Method

XML Example

The following XML fragment illustrates a **getActivatableItemCountRequest** message:

```
<getActivatableItemCountRequest>
  <queryParams>
    <entitlementId>
      <value>bulk</value>
      <searchType>CONTAINS</searchType>
    </entitlementId>
  </queryParams>
</getActivatableItemCountRequest>
```

Element: getActivatableItemCountResponse

Description

A **getActivatableItemCountResponse** message contains an element of getActivatableItemCountResponseType.

Derived By

Type getActivatableItemCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>count</td><td>integer</td><td>0..1</td><td>Number of activatable items that matched the specified criteria.</td></tr>
</table>

Referenced By

Name	Type
getActivatableItemCount	Method

XML Example

The following XML fragment illustrates a successful **getActivatableItemCountResponse** message:

```
<getActivatableItemCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <count>5</count>
</getActivatableItemCountResponse>
```

Element: getBulkEntitlementCountRequest

Description

A **getBulkEntitlementCountRequest** message contains an element of getBulkEntitlementCountRequestType.

Derived By

Type getBulkEntitlementCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementSearchCriteria	searchBulkEntitlementDataType	1..1	Required. See searchBulkEntitlementDataType. Leave this element blank to return all bulk entitlements.

Referenced By

Name	Type
getBulkEntitlementCount	Method

XML Example

The following XML fragment illustrates a **getBulkEntitlementCountRequest** message:

```
<getBulkEntitlementCountRequest>
  <queryParams>
    <licenseTechnology>
      <value>FLEXnet Licensing</value>
    <searchType>EQUALS</searchType>
    </licenseTechnology>
  </queryParams>
</getBulkEntitlementCountRequest>
```

Element: getBulkEntitlementCountResponse

Description

A **getBulkEntitlementCountResponse** message contains an element of getEntitlementCountResponseType.

Derived By

Type getBulkEntitlementCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>count</td><td>integer</td><td>0..1</td><td>Number of bulk entitlements matching the specified criteria.</td></tr>
</table>

Referenced By

Name	Type
getBulkEntitlementCount	Method

XML Example

The following XML fragment illustrates a successful **getEntitlementCountResponse** message:

```
<getBulkEntitlementCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <count>31</count>
</getBulkEntitlementCountResponse>
```

Element: getBulkEntitlementPropertiesRequest

Description

A **getBulkEntitlementPropertiesRequest** message contains an element of getBulkEntitlementPropertiesRequestType.

Derived By

Type getBulkEntitlementPropertiesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementSearchCriteria	searchBulkEntitlementDataType	1..1	Required. See searchBulkEntitlementDataType.
bulkEntitlementResponseConfig	bulkEntitlementResponseConfigRequestType	1..1	See bulkEntitlementResponseConfigRequestType.
batchSize	integer	1..1	Required. Starts at 1. Say the operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
pageNumber	integer	0..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getBulkEntitlementPropertiesQuery	Method

XML Example

The following XML fragment illustrates a **getBulkEntitlementPropertiesRequest** message:

```
<getBulkEntitlementPropertiesRequest>
    <bulkEntitlementSearchCriteria>
    </bulkEntitlementSearchCriteria>
    <bulkEntitlementResponseConfig>
            <entitlementId>1</entitlementId>
            <description>1</description>
            <state>1</state>
            <soldTo>1</soldTo>
            <soldToDisplayName>1</soldToDisplayName>
            <shipToEmail>1</shipToEmail>
            <shipToAddress>1</shipToAddress>
            <orderId>1</orderId>
            <orderLineNumber>1</orderLineNumber>
            <product>1</product>
            <productDescription>1</productDescription>
            <partNumber>1</partNumber>
            <partNumberDescription>1</partNumberDescription>
```

XML Example


```
                <licenseModel>1</licenseModel>
                <licenseTechnology>1</licenseTechnology>
                <startDate>1</startDate>
                <startDateOption>1</startDateOption>
               <isPermanent>1</isPermanent>
                <term>1</term>
                <expirationDate>1</expirationDate>
                <versionDate>1</versionDate>
               <versionDateAttributes>1</versionDateAttributes>
                <numberOfCopies>1</numberOfCopies>
                <bulkEntitlementType>1</bulkEntitlementType>
               <createdUserId>1</createdUserId>
               <customAttributes>
        <!--Zero or more repetitions:-->
        <attribute>
          <attributeName>TextAttr</attributeName>
        </attribute>
      </customAttributes>
    </bulkEntitlementResponseConfig>
    <batchSize>10</batchSize>
        <pageNumber>1</pageNumber>
  </getBulkEntitlementPropertiesRequest>
```

Element: getBulkEntitlementPropertiesResponse

Description

A **getBulkEntitlementQueryResponse** message contains an element of getBulkEntitlementQueryResponseType.

Note: *The soldTo element is supported for backwards compatibility in the response to this operation, and now the channelPartners element is also supported. Note, however, that the query parameters of the operation do not support the channelPartners element. soldTo or parentBulkEntSoldTo should still be used to specify an account in the query request or response.*

Derived By

Type getBulkEntitlementPropertiesResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Content Model

Component	Type	Occurs	Description
bulkEntitlement	bulkEntitlementPropertiesType	0..*	See bulkEntitlementPropertiesType.

Referenced By

Name	Type
getBulkEntitlementPropertiesQuery	Method

XML Example

The following XML fragment illustrates a successful **getBulkEntitlementQueryResponse** message:


```
<getBulkEntitlementPropertiesQueryResponse>
    <statusInfo>
      <status>SUCCESS</status>
    </statusInfo>
    <bulkEntitlement>
      <entitlementId>
        <uniqueId>HID-220046</uniqueId>
        <primaryKeys>
          <entitlementId>RamaTestBulkEnt1</entitlementId>
        </primaryKeys>
      </entitlementId>
      <description/>
      <state>TEST</state>
      <soldTo>
        <uniqueId>HID-20182</uniqueId>
        <primaryKeys>
          <name>ROADR</name>
        </primaryKeys>
      </soldTo>
      <soldToDisplayName>Road Runner Corporation</soldToDisplayName>
      <shipToEmail>jsmith@example.com</shipToEmail>
      <shipToAddress>1 Ranch Dr Milpitas, CA</shipToAddress>
      <orderId>568868</orderId>
      <orderLineNumber>Rama-Test-Linenumber</orderLineNumber>
      <product>
        <uniqueId>HID-20096</uniqueId>
        <primaryKeys>
          <name>Standard Paint</name>
          <version>1.0</version>
        </primaryKeys>
      </product>
      <productDescription>This product contains what consumers need to build graphic designs.</productDescription>
      <licenseModel>
        <uniqueId>HID-501</uniqueId>
        <primaryKeys>
          <name>Floating Counted</name>
        </primaryKeys>
      </licenseModel>
      <licenseTechnology>
        <uniqueId>HID-100</uniqueId>
        <primaryKeys>
          <name>FLEXnet Licensing</name>
        </primaryKeys>
      </licenseTechnology>
      <startDateOption>DEFINE_ACTDATE_AT_FIRST_ACTIVATION</startDateOption>
```

XML Example


```
      <isPermanent>false</isPermanent>
      <expirationDate>2010-09-25</expirationDate>
      <numberOfCopies>10</numberOfCopies>
      <customAttributes>
        <attribute>
          <attributeName>TextAttr</attributeName>
          <stringValue>rama test</stringValue>
        </attribute>
      </customAttributes>
    </bulkEntitlement>
    <bulkEntitlement>
      <entitlementId>
        <uniqueId>HID-22003</uniqueId>
        <primaryKeys>
          <entitlementId>Test Bulk Entitlement</entitlementId>
        </primaryKeys>
      </entitlementId>
      <description/>
      <state>TEST</state>
      <soldTo>
        <uniqueId>HID-20180</uniqueId>
        <primaryKeys>
          <name>ACME</name>
        </primaryKeys>
      </soldTo>
      <soldToDisplayName>Acme Software Corporation</soldToDisplayName>
      <shipToEmail>jsmith@example.com</shipToEmail>
      <shipToAddress>1234 Main St
San Francisco, CA</shipToAddress>
      <orderId>123</orderId>
      <orderLineNumber>test-line-num</orderLineNumber>
      <product>
        <uniqueId>HID-20090</uniqueId>
        <primaryKeys>
          <name>Scientific Calculator</name>
          <version>1.0</version>
        </primaryKeys>
      </product>
      <productDescription>In addition to the basic arithmetic operations, this scientific calculator
          contains transcendental functions such as sines, logarithms and powers.</productDescription>
      <partNumber>
        <uniqueId>HID-20121</uniqueId>
        <primaryKeys>
          <partId>800-111-2222-2</partId>
        </primaryKeys>
      </partNumber>
      <licenseModel>
        <uniqueId>HID-504</uniqueId>
        <primaryKeys>
          <name>Nodelocked Uncounted</name>
        </primaryKeys>
      </licenseModel>
      <licenseTechnology>
        <uniqueId>HID-100</uniqueId>
        <primaryKeys>
          <name>FLEXnet Licensing</name>
        </primaryKeys>
      </licenseTechnology>
      <startDateOption>DEFINE_AT_FIRST_ACTIVATION</startDateOption>
      <isPermanent>false</isPermanent>
      <term>
        <numDuration>6</numDuration>
        <durationUnit>DAYS</durationUnit>
      </term>
      <versionDate>2008-09-09</versionDate>
      <versionDateAttributes>
```

XML Example


```
        <versionOption>DEFINE_NOW</versionOption>
      </versionDateAttributes>
      <numberOfCopies>4</numberOfCopies>
      <customAttributes>
        <attribute>
          <attributeName>TextAttr</attributeName>
          <stringValue/>
        </attribute>
      </customAttributes>
    </bulkEntitlement>
  </getBulkEntitlementPropertiesResponse>
```

Element: getEntitlementAttributesRequest

Description

A **getEntitlementAttributesRequest** message contains an element of getEntitlementAttributesRequestType.

Derived By

Type getEntitlementAttributesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModelIdentifier	licenseModelIdentifierType	1..1	Required. A **getEntitlementAttributesRequest** contains a **licenseModelIdentifier** element identifying the license model whose attributes to return. See licenseModelIdentifierType.

Referenced By

Name	Type
getEntitlementAttributesFromModel	Method

XML Example

The following XML fragment illustrates a **getEntitlementAttributesRequest** message:

```
<getEntitlementAttributesRequest>
  <licenseModelIdentifier>
    <primaryKeys>
      <name>Floating Counted</name>
    </primaryKeys>
  </licenseModelIdentifier>
</getEntitlementAttributesRequest>
```

Element: getEntitlementAttributesResponse

Description

A **getEntitlementAttributesResponse** message contains an element of getEntitlementAttributesResponseType.

Derived By

Type getEntitlementAttributesResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlementAttributes</td><td>attributeMetaDescriptorDataType</td><td>0..1</td><td>A list of license model attributes that are set at entitlement time are contained in the entitlementAttributes element. See attributeMetaDescriptorDataType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
policyAttributes	policyAttributesDataType	0..1	A list of policy attributes that are set at entitlement time are contained in the policyAttributes element. See policyAttributesDataType.
needTimeZone	boolean	0..1	True if the license model includes the TZ keyword and allows it to be set at entitlement time; otherwise, false.

Referenced By

Name	Type
getEntitlementAttributesFromModel	Method

XML Example

The following XML fragment illustrates a successful **getEntitlementAttributesResponse** message that indicates which license model attributes must be provided at entitlement time:

```
<getEntitlementAttributesResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <entitlementAttributes>
    <attribute>
      <attributeName>NOTICE</attributeName>
      <attributeDataType>LONGTEXT</attributeDataType>
      <namespace>FlexNet Licensing</namespace>
    </attribute>
    <attribute>
      <attributeName>SERIAL_NUMBER</attributeName>
      <attributeDataType>LONGTEXT</attributeDataType>
      <namespace>FlexNet Licensing</namespace>
    </attribute>
  </entitlementAttributes>
  <policyAttributes>
    <needRehostsPolicy>false</needRehostsPolicy>
    <needReturnsPolicy>false</needReturnsPolicy>
    <needRepairsPolicy>false</needRepairsPolicy>
    <needExtraActivationsPolicy>false</needExtraActivationsPolicy>
    <needCancelLicensePolicy>false</needCancelLicensePolicy>
    <needVirtualLicensePolicy>false</needVirtualLicensePolicy>
    <needReinstallPolicy>false</needReinstallPolicy>
    <needServerHostIdPolicy>false</needServerHostIdPolicy>
    <needNodelockedHostIdPolicy>false</needNodelockedHostIdPolicy>
    <needPortalServerHostIdPolicy>false</needPortalServerHostIdPolicy>
    <needPortalNodelockedHostIdPolicy>false</needPortalNodelockedHostIdPolicy>
    <needRedundantServerPolicy>false</needRedundantServerPolicy>
    <needACPIGenerationIdLicensePolicy>false</needACPIGenerationIdLicensePolicy>
  </policyAttributes>
  <needTimeZone>false</needTimeZone>
</getEntitlementAttributesResponse>
```

Element: getEntitlementCountRequest

Description

A **getEntitlementCountRequest** message contains an element of getEntitlementCountRequestType.

Derived By

Type getEntitlementCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchEntitlementDataType	1..1	Required. See searchEntitlementDataType. Leave this element blank to return all entitlements.

Referenced By

Name	Type
getEntitlementCount	Method

XML Example

The following XML fragment illustrates a **getEntitlementCountRequest** message:

```
<getEntitlementCountRequest>
  <queryParams>
    <licenseTechnology>
      <value>FLEXnet Licensing</value>
    <searchType>EQUALS</searchType>
    </licenseTechnology>
  </queryParams>
</getEntitlementCountRequest>
```

Element: getEntitlementCountResponse

Description

A **getEntitlementCountResponse** message contains an element of getEntitlementCountResponseType.

Derived By

Type getEntitlementCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>count</td><td>integer</td><td>0..1</td><td>Number of entitlements matching the specified criteria.</td></tr>
</table>

Referenced By

Name	Type
getEntitlementCount	Method

XML Example

The following XML fragment illustrates a successful **getEntitlementCountResponse** message:

```
<getEntitlementCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <count>31</count>
</getEntitlementCountResponse>
```

Element: getExactAvailableCountRequest

Description

A **getExactAvailableCountRequest** message contains an element of getExactAvailableCountRequestType.

Derived By

Type getExactAvailableCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	entitlementLineItemIdentifierType	0..1	Required. Identifies the line item for which you want an exact available count. See entitlementLineItemIdentifierType.

Referenced By

Name	Type
getExactAvailableCount	Method

XML Example

The following XML fragment illustrates a **getExactAvailableCountRequest** message:

```
<getExactAvailableCountRequest>
  <activationId>
    <primaryKeys>
      <activationId>se-up2-1UPGRADE</activationId>
    </primaryKeys>
  </activationId>
</getExactAvailableCountRequest>
```

Element: getExactAvailableCountResponse

Description

A **getExactAvailableCountResponse** message contains an element of getExactAvailableCountResponseType.

Derived By

Type getExactAvailableCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>count</td><td>integer</td><td>0..1</td><td>The exact available count for the line item requested.</td></tr>
</table>

Referenced By

Name	Type
getExactAvailableCount	Method

XML Example

The following XML fragment illustrates a successful **getExactAvailableCountResponse** message:

```
<getExactAvailableCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <count>5</count>
</getExactAvailableCountResponse>
```

Element: getMatchingBulkEntsRequest

Description

A **getMatchingBulkEntsRequest** message contains an element of getMatchingBulkEntsRequestType.

Derived By

Type getMatchingBulkEntsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntList	getMatchingBulkEntsListType	1..1	Required. See getMatchingBulkEntsListType.

Referenced By

Name	Type
getMatchingBulkEnts	Method

XML Example

The following XML fragment illustrates a **getMatchingBulkEntsRequest** message:

```
<getMatchingBulkEntsRequest>
  <bulkEntList>
    <bulkEntInfo>
      <bulkEntIdentifier>
        <ID>HID-20103</ID>
        <primaryKeys>
          <entitlementId>Ent-split-1</entitlementId>
        </primaryKeys>
      </bulkEntIdentifier>
      <targetTierName>bo.constants.partnertiernames.endcustomer</targetTierName>
      <targetAccountUnit>
        <primaryKeys>
          <name>ORG2</name>
        </primaryKeys>
      </targetAccountUnit>
    </bulkEntInfo>
  </bulkEntList>
</getMatchingBulkEntsRequest>
```

Element: getMatchingBulkEntsResponse

Description

A **getMatchingBulkEntsResponse** message contains an element of getMatchingBulkEntsResponseType.

Derived By

Type getMatchingBulkEntsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getMatchingBulkEntsResponseListType</td><td>0..1</td><td>Information about bulk entitlements in the target account that match the bulk entitlement you plan to split is listed in the responseData element. See getMatchingBulkEntsResponseListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedMatchingBulkEntsListType	0..1	Information about the bulk entitlement that could not be matched to bulk entitlements in the target account is in the failedData element. See failedMatchingBulkEntsListType.

Referenced By

Name	Type
getMatchingBulkEnts	Method

XML Example

The following XML fragment illustrates a successful **getMatchingBulkEntsResponse** message:

```
<getMatchingBulkEntsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <matchingBulkEnt>
      <matchingBulkEntIdentifier>
        <uniqueId>HID-101349</uniqueId>
        <primaryKeys>
          <entitlementId>Ent-split-2</entitlementId>
        </primaryKeys>
      </matchingBulkEntIdentifier>
    </matchingBulkEnt>
  </responseData>
</getMatchingBulkEntsResponse>
```

Element: getMatchingLineItemsRequest

Description

A **getMatchingLineItemsRequest** message contains an element of getMatchingLineItemsRequestType.

Derived By

Type getMatchingLineItemsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemList	getMatchingLineItemsListType	1..1	Required. See getMatchingLineItemsListType.

Referenced By

Name	Type
getMatchingLineItems	Method

XML Example

The following XML fragment illustrates a **getMatchingLineItemsRequest** message:

```
<getMatchingLineItemsRequest>
  <lineItemList>
    <lineItemInfo>
      <lineItemIdentifier>
        <uniqueId>HID-20103</uniqueId>
        <primaryKeys>
          <activationId>se-split-1</activationId>
        </primaryKeys>
      </lineItemIdentifier>
      <targetTierName>bo.constants.partnertiernames.endcustomer</targetTierName>
      <targetAccountUnit>
        <primaryKeys>
          <name>ORG2</name>
        </primaryKeys>
      </targetAccountUnit>
    </lineItemInfo>
  </lineItemList>
</getMatchingLineItemsRequest>
```

Element: getMatchingLineItemsResponse

Description

A **getMatchingLineItemsResponse** message contains an element of getMatchingLineItemsResponseType.

Derived By

Type getMatchingLineItemsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getMatchingLineItemsResponseListType</td><td>0..1</td><td>Information about entitlement line items in the target account that match the line item you plan to split is listed in the responseData element. See getMatchingLineItemsResponseListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedMatchingLineItemsListType	0..1	Information about the entitlement line item that could not be matched to line items in the target account is in the **failedData** element. See Table failedMatchingLineItemsListType.

Referenced By

Name	Type
getMatchingLineItems	Method

XML Example

The following XML fragment illustrates a successful **getMatchingLineItemsResponse** message:

```
<getMatchingLineItemsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <matchingLineItem>
      <matchingLineItemIdentifier>
        <uniqueId>HID-101349</uniqueId>
        <primaryKeys>
          <activationId>se-split-2</activationId>
        </primaryKeys>
      </matchingLineItemIdentifier>
    </matchingLineItem>
  </responseData>
</getMatchingLineItemsResponse>
```

Element: getStateChangeHistoryRequest

Description

A **getStateChangeHistoryRequest** message contains an element of getStateChangeHistoryRequestType.

Derived By

Type getStateChangeHistoryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureList	featureListType	0..1	Optional. See featureListType.
featureBundleList	featureBundleListType	0..1	Optional. See featureBundleListType.
productList	productListType	0..1	Optional. See productListType.
licenseModelList	licenseModelListType	0..1	Optional. See licenseModelListType.
simpleEntitlementList	entitlementListType	0..1	Optional. See entitlementListType.
bulkEntitlementList	entitlementListType	0..1	Optional. See entitlementListType.

Referenced By

Name	Type
getStateChangeHistory	Method

XML Example

The following XML fragment illustrates a **getStateChangeHistoryRequest** message:

```
<getStateChangeHistoryRequest>
  <simpleEntitlementList>
    <entitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent-basic</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
  </simpleEntitlementList>
</getStateChangeHistoryRequest>
```

Element: getStateChangeHistoryResponse

Description

A **getStateChangeHistoryResponse** message contains an element of getStateChangeHistoryResponseType.

Derived By

Type getStateChangeHistoryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>stateChangeResponseType</td><td>0..1</td><td>See stateChangeResponseType.</td></tr>
</table>

Referenced By

Name	Type
getStateChangeHistory	Method

XML Example

The following XML fragment illustrates a successful **getStateChangeHistoryResponse** message:

```
<getStateChangeHistoryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <simpleEntitlementList>
      <entitlement>
        <entitlementIdentifier>
          <primaryKeys>
            <entitlementId>18ee-9d61-1094-1748-747f-f8</entitlementId>
          </primaryKeys>
        </entitlementIdentifier>
        <stateChangeRecord>
          <eventName>EVENT_CREATED</eventName>
          <eventDate>2008-02-07T03:15:20.157Z</eventDate>
          <userId>admin</userId>
          <description>Created line item 18ee-9d61-1094-1748-747f-f7
                    </description>
        </stateChangeRecord>
        <stateChangeRecord>
          <eventName>EVENT_CREATED</eventName>
          <eventDate>2008-02-07T03:15:20.300Z</eventDate>
          <userId>admin</userId>
          <description>Created line item 18ee-9d61-1094-1748-747f-f6
                     </description>
         </stateChangeRecord>
         <stateChangeRecord>
           <eventName>EVENT_TRANSFERRED</eventName>
           <eventDate>2008-02-07T03:15:20.313Z</eventDate>
           <userId>admin</userId>
           <description>Entitlement created as a result of transfer from
                     entitlement Ent-basic belonging to Acme Software
                     Corporation.</description>
        </stateChangeRecord>
      </entitlement>
    </simpleEntitlementList>
  </responseData>
</getStateChangeHistoryResponse>
```

Element: getWebRegKeyCountRequest

Description

A **getWebRegKeyCountRequest** message contains an element of getWebRegKeyCountRequestType.

Derived By

Type getWebRegKeyCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementIdentifier	entitlementIdentifierType	1..1	Required. See entitlementIdentifierType.

Referenced By

Name	Type
getWebRegKeyCount	Method

XML Example

The following XML fragment illustrates a **getWebRegKeyCountRequest** message:

```
<getWebRegKeyCountRequest>
  <bulkEntitlementIdentifier>
    <primaryKeys>
      <entitlementId>Ent_bulk_basic</entitlementId>
    </primaryKeys>
  </bulkEntitlementIdentifier>
</getWebRegKeyCountRequest>
```

Element: getWebRegKeyCountResponse

Description

A **getWebRegKeyCountResponse** message contains an element of getWebRegKeyCountResponseType.

Derived By

Type getWebRegKeyCountResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>webRegKeyCountDataType</td><td>0..1</td><td>See webRegKeyCountDataType.</td></tr>
</table>

Referenced By

Name	Type
getWebRegKeyCount	Method

XML Example

The following XML fragment illustrates a successful **getWebRegKeyCountResponse** message:

```
<getWebRegKeyCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <totalCount>5</totalCount>
    <redeemedCount>0</redeemedCount>
  </responseData>
</getWebRegKeyCountResponse>
```

Element: getWebRegKeysQueryRequest

Description

A **getWebRegKeysQueryRequest** message contains an element of getWebRegKeysQueryRequestType.

Derived By

Type getWebRegKeysQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementIdentifier	entitlementIdentifierType	1..1	Required. Entitlement of the bulk entitlement into which the web register keys are loaded. Required. See entitlementIdentifierType.
batchSize	integer	1..1	Required. Starts at 1. Say the getWebRegKeyCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
pageNumber	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getWebRegKeysQuery	Method

XML Example

The following XML fragment illustrates a **getWebRegKeysQueryRequest** message:

```
<getWebRegKeysQueryRequest>
  <bulkEntitlementIdentifier>
    <primaryKeys>
      <entitlementId>Ent_bulk_basic</entitlementId>
    </primaryKeys>
  </bulkEntitlementIdentifier>
  <batchSize>50</batchSize>
  <pageNumber>1</pageNumber>
</getWebRegKeysQueryRequest>
```

Element: getWebRegKeysQueryResponse

Description

A **getWebRegKeysQueryResponse** message contains an element of getWebRegKeysQueryResponseType.

Derived By

Type getWebRegKeysQueryResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, SUCCESS means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.
PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</td></tr>
</table>
</td></tr>
</table>

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td></td><td></td><td>the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>webRegKeysDataListType</td><td>0..1</td><td>See webRegKeysDataListType.</td></tr>
</table>

Referenced By

Name	Type
getWebRegKeysQuery	Method

XML Example

The following XML fragment illustrates a successful **getWebRegKeysQueryResponse** message:

```
<getWebRegKeysQueryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <webRegKeys>
      <webRegKey>WRK-1</webRegKey>
      <webRegKey>WRK-2</webRegKey>
      <webRegKey>WRK-3</webRegKey>
      <webRegKey>WRK-4</webRegKey>
      <webRegKey>WRK-5</webRegKey>
    </webRegKeys>
  </responseData>
</getWebRegKeysQueryResponse>
```

Element: linkMaintenanceLineItemRequest

Description

A **linkMaintenanceLineItemRequest** message contains an element of linkMaintenanceLineItemRequestType.

Derived By

Type linkMaintenanceLineItemRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
linkMaintenanceLineItemList	linkMaintenanceLineItemListType	1..1	See linkMaintenanceLineItemListType.

Referenced By

Name	Type
linkMaintenanceLineItem	Method

XML Example

The following XML fragment illustrates a **linkMaintenanceLineItemRequest** message:

```
<linkMaintenanceLineItemRequest>
      <linkMaintenanceLineItemList>
        <!--1 or more repetitions:-->
        <linkMaintenanceLineItem>
          <lineItemIdentifier>
            <!--Optional:-->
            <uniqueId>?</uniqueId>
            <!--Optional:-->
            <primaryKeys>
              <activationId>?</activationId>
            </primaryKeys>
          </lineItemIdentifier>
          <maintenanceLineItemIdentifier>
            <!--Optional:-->
            <uniqueId>?</uniqueId>
            <!--Optional:-->
            <primaryKeys>
              <activationId>?</activationId>
            </primaryKeys>
          </maintenanceLineItemIdentifier>
        </linkMaintenanceLineItem>
      </linkMaintenanceLineItemList>
    </linkMaintenanceLineItemRequest>
```

Element: linkMaintenanceLineItemResponse

Description

A **linkMaintenanceLineItemResponse** message contains an element of linkMaintenanceLineItemResponseType.

Derived By

Type linkMaintenanceLineItemResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedLinkMaintenanceLineItemListType</td><td>0..1</td><td>See failedLinkMaintenanceLineItemListType.</td></tr>
</table>

Referenced By

Name	Type
linkMaintenanceLineItem	Method

XML Example

The following XML fragment illustrates a **linkMaintenanceLineItemResponse** message:

Sample Successful Response Data:

```
<linkMaintenanceLineItemResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</linkMaintenanceLineItemResponse>
```

Sample Failed Response Data:

```
<linkMaintenanceLineItemResponse>
  <statusInfo>
    <status>FAILURE</status>
    <reason>All input data in the request failed. …</reason>
  </statusInfo>
  <failedData>
    <failedLinkMaintenanceLineItem>
      <linkMaintenanceLineItem>
        <lineItemIdentifier>
          <primaryKeys>
            <activationId>ent-maint-1P</activationId>
          </primaryKeys>
        </lineItemIdentifier>
        <maintenanceLineItemIdentifier>
          <primaryKeys>
            <activationId>ent-maint-1</activationId>
          </primaryKeys>
        </maintenanceLineItemIdentifier>
      </linkMaintenanceLineItem>
      <reason>9999:Cannot find the specified maintenance line item</reason>
    </failedLinkMaintenanceLineItem>
  </failedData>
</linkMaintenanceLineItemResponse>
```

Element: mapEntitlementsToUserRequest

Description

A **mapEntitlementsToUserRequest** message contains an element of mapEntitlementsToUserRequestType.

Derived By

Type mapEntitlementsToUserRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userId	string	1..1	Required. The user ID of a self-registered Portal user.
idList	idListType	1..1	Required. See idListType.
userAcct	string	0..1	Optional. User's account.

Referenced By

Name	Type
mapEntitlementsToUser	Method

XML Example

The following XML fragment illustrates a **mapEntitlementsToUserRequest** message:

```
<mapEntitlementsToUserRequest>
  <userId>wilyuser</userId>
  <idList>
    <id>18ee-9d61-10a8-c94e-fc7f-fb</id>
  </idList>
</mapEntitlementsToUserRequest>
```

Element: mapEntitlementsToUserResponse

Description

A **mapEntitlementsToUserResponse** message contains an element of mapEntitlementsToUserResponseType.

Each ID in the **mapEntitlementsToUserRequest** is added as an atomic unit; adding each either succeeds or fails.

Derived By

Type mapEntitlementsToUserResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedMapEntitlementsToUserDataListType</td><td>0..1</td><td>Information about the IDs that were not mapped to the user is listed in the failedData element. See failedMapEntitlementsToUserDataListType.</td></tr>
</table>

Referenced By

Name	Type
mapEntitlementsToUser	Method

XML Example

The following XML fragment illustrates a successful **mapEntitlementsToUserResponse** message:

```
<mapEntitlementsToUserResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</mapEntitlementsToUserResponse>
```

Element: mergeEntitlementsRequest

Description

A **mergeEntitlementsRequest** message contains an element of mergeEntitlementsRequestType.

Derived By

Type mergeEntitlementsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountFrom	string	1..1	Required. Account identifier of the account that currently owns the assets to be merged to another account. There are two types of accounts that can be specified, either customer accounts or self-registered accounts.
accountTo	string	1..1	Required. Account identifier of the account to which the assets are merged. Only customer accounts may be specified.
mergeUsers	boolean	0..1	Optional. Whether to merge the users of the account specified as accountFrom to the account specified as accountTo. If a value is not specified, users are merged.
mergeEntitlements	boolean	0..1	Optional. Whether to merge the entitlements and fulfillments of the account specified as accountFrom to the account specified as accountTo. If a value is not specified, entitlements and fulfillments are merged.

Referenced By

Name	Type
mergeEntitlements	Method

XML Example

The following XML fragment illustrates a **mergeEntitlementsRequest** message:

```
<mergeEntitlementsRequest>
  <accountFrom>Bravo</accountFrom>
  <accountTo>Alpha</accountTo>
  <mergeUsers>true</mergeUsers>
  <mergeEntitlements>true</mergeEntitlements>
</mergeEntitlementsRequest>
```

Element: mergeEntitlementsResponse

Description

A **mergeEntitlementsResponse** message contains an element of mergeEntitlementsResponseType.

Derived By

Type mergeEntitlementsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Referenced By

Name	Type
mergeEntitlements	Method

XML Example

The following XML fragment illustrates a successful **mergeEntitlementsResponse** message:

```
<mergeEntitlementsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</mergeEntitlementsResponse>
```

Element: removeEntitlementLineItemRequest

Description

A **removeEntitlementLineItemRequest** message contains an element of removeEntitlementLineItemRequestType.

Derived By

Type removeEntitlementLineItemRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemData	removeEntitlementLineItemDataType	1..*	Required. A **removeEntitlementLineItemRequest** contains an array of **lineItemData** elements to be deleted. See removeEntitlementLineItemDataType.

Referenced By

Name	Type
deleteEntitlementLineItem	Method

XML Example

The following XML fragment illustrates a **removeEntitlementLineItemRequest** message:

```
<removeEntitlementLineItemRequest>
  <lineItemData>
    <entitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent-receive</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
    <lineItemIdentifier>
      <primaryKeys>
        <activationId>Ent-trans-1</activationId>
      </primaryKeys>
    </lineItemIdentifier>
  </lineItemData>
</removeEntitlementLineItemRequest>
```

Element: removeEntitlementLineItemResponse

Description

A **removeEntitlementLineItemResponse** message contains an element of removeEntitlementLineItemResponseType.

Each line item in the **removeEntitlementLineItemRequest** is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about line items that were deleted successfully.

Derived By

Type removeEntitlementLineItemResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRemoveEntitlementLineItemDataListType</td><td>0..1</td><td>Information about the entitlements that were not deleted is listed in the failedData element. See failedRemoveEntitlementLineItemDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteEntitlementLineItem	Method

XML Example

The following XML fragment illustrates a successful **removeEntitlementLineItemResponse** message:

```
<removeEntitlementLineItemResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</removeEntitlementLineItemResponse>
```

Element: renewalExpirationDate [type createEntitlementLineItemDataType]

Description

Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

Derived By

Type date

Referenced By

Name	Type
createEntitlementLineItemDataType	Complex Type
entitlementLineItemDataType	Complex Type

Definition

See createEntitlementLineItemDataType

Element: renewalExpirationDate [type entitlementLineItemPropertiesType]

Description

Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

Derived By

Type date

Referenced By

Name	Type
entitlementLineItemPropertiesType	Complex Type

Definition

See entitlementLineItemPropertiesType

Element: renewalExpirationDate [type entitlementLineItemResponseConfigRequestType]

Description

Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

Derived By

Type boolean

Referenced By

Name	Type
entitlementLineItemResponseConfigRequestType	Complex Type

Definition

See entitlementLineItemResponseConfigRequestType

Element: renewalExpirationDate [type searchActivatableItemDataType]

Description

Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

Derived By

Type DateQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	date	1..1	A date value to compare.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Referenced By

Name	Type
searchActivatableItemDataType	Complex Type

Definition

See searchActivatableItemDataType

Element: renewalExpirationDate [type searchEntitlementDataType]

Description

Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

Derived By

Type DateQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	date	1..1	A date value to compare.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Referenced By

Name	Type
searchEntitlementDataType	Complex Type

Definition

See searchEntitlementDataType

Element: renewalExpirationDate [type updateLineItemDataType]

Description

Expiration date of line item if its **isAutoRenewal** setting is set to **True**. Specify the date when the line item should expire after it has been automatically renewed.

Derived By

Type date

Referenced By

Name	Type
updateLineItemDataType	Complex Type

Definition

See updateLineItemDataType

Element: renewalInterval [type createEntitlementLineItemDataType]

Description

Set the duration after which the line item expires after it has been automatically renewed.

Derived By

Type DurationType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Referenced By

Name	Type
createEntitlementLineItemDataType	Complex Type
entitlementLineItemDataType	Complex Type

Definition

See createEntitlementLineItemDataType

Element: renewalInterval [type entitlementLineItemPropertiesType]

Description

Set the duration after which the line item expires after it has been automatically renewed.

Derived By

Type DurationType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Referenced By

Name	Type
entitlementLineItemPropertiesType	Complex Type

Definition

See entitlementLineItemPropertiesType

Element: renewalInterval [type entitlementLineItemResponseConfigRequestType]

Description

Set the duration after which the line item expires after it has been automatically renewed.

Derived By

Type boolean

Referenced By

Name	Type
entitlementLineItemResponseConfigRequestType	Complex Type

Definition

See entitlementLineItemResponseConfigRequestType

Element: renewalInterval [type searchActivatableItemDataType]

Description

Set the duration after which the line item expires after it has been automatically renewed.

Derived By

Type DurationType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Referenced By

Name	Type
searchActivatableItemDataType	Complex Type

Definition

See searchActivatableItemDataType

Element: renewalInterval [type searchEntitlementDataType]

Description

Set the duration after which the line item expires after it has been automatically renewed.

Derived By

Type DurationType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Referenced By

Name	Type
searchEntitlementDataType	Complex Type

Definition

See searchEntitlementDataType

Element: renewalInterval [type updateLineItemDataType]

Description

Set the duration after which the line item expires after it has been automatically renewed.

Derived By

Type DurationType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Referenced By

Name	Type
updateLineItemDataType	Complex Type

Definition

See updateLineItemDataType

Element: renewedLineItem [type createdRenewEntitlementDataType]

Description

Renewed line item that was created. See renewedEntitlementLineItemDataType.

Derived By

Type renewedEntitlementLineItemDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemRecordRefNo	string	1..1	Index of the entitlement line item in the request, starting at 1.
parentLineItemIdentifier	entitlementLineItemIdentifierType	1..1	See entitlementLineItemIdentifierType.
newLineItem	newEntitlementLineItemDataType	1..1	**renewedLineItem** contains a **newLineItem** element. See newEntitlementLineItemDataType.

Referenced By

Name	Type
createdRenewEntitlementDataType	Complex Type

Definition

See createdRenewEntitlementDataType

Element: renewLicenseRequest

Description

A **renewLicenseRequest** message contains an element of renewEntitlementRequestType.

Derived By

Type renewEntitlementRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementData	renewEntitlementDataType	0..*	Required. A renewEntitlementRequest contains an array of entitlementData elements. See renewEntitlementDataType.

Referenced By

Name	Type
renewLicense	Method

XML Example

The following XML fragment illustrates a **renewLicenseRequest** message:

```
<renewLicenseRequest>
  <entitlementData>
    <parentEntitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent-renew</entitlementId>
      </primaryKeys>
    </parentEntitlementIdentifier>
    <renewLineItemData>
      <parentLineItemIdentifier>
        <primaryKeys>
          <activationId>Ent-renew-1</activationId>
        </primaryKeys>
      </parentLineItemIdentifier>
      <renewParameters>
        <activationId>
          <id>Ent-renew-1RENEW</id>
          <autoGenerate>false</autoGenerate>
        </activationId>
        <isPermanent>true</isPermanent>
      </renewParameters>
      <isFull>true</isFull>
      <allowActivationsOnParent>true</allowActivationsOnParent>
      <autoDeploy>true</autoDeploy>
    </renewLineItemData>
  </entitlementData>
</renewLicenseRequest>
```

Element: renewLicenseResponse

Description

A **renewLicenseResponse** message contains an element of renewEntitlementResponseType.

Each entitlement in the **renewLicenseRequest** is renewed as an atomic unit; renewing each either succeeds or fails.

Derived By

Type renewEntitlementResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRenewEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not renewed is listed in the failedData element. See failedRenewEntitlementDataListType.</td></tr>
<tr><td>responseData</td><td>createdRenewEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were renewed is listed in the responseData element. See createdRenewEntitlementDataListType.</td></tr>
</table>

Referenced By

Name	Type
renewLicense	Method

XML Example

The following XML fragment illustrates a successful **renewLicenseResponse** message:

```
<renewLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <entitlementData>
      <entitlementRecordRefNo>01</entitlementRecordRefNo>
      <parentEntitlementIdentifier>
        <primaryKeys>
          <entitlementId>Ent-renew</entitlementId>
        </primaryKeys>
      </parentEntitlementIdentifier>
      <renewedLineItem>
        <lineItemRecordRefNo>01</lineItemRecordRefNo>
        <parentLineItemIdentifier>
          <primaryKeys>
            <activationId>Ent-renew-1</activationId>
          </primaryKeys>
        </parentLineItemIdentifier>
        <newLineItem>
          <uniqueId>HID-220132</uniqueId>
          <activationId>Ent-renew-1RENEW</activationId>
        </newLineItem>
      </renewedLineItem>
    </entitlementData>
  </responseData>
</renewLicenseResponse>
```

Element: replaceEntitlementLineItemRequest

Description

A **replaceEntitlementLineItemRequest** message contains an element of replaceOnlyEntitlementLineItemRequestType.

Derived By

Type replaceOnlyEntitlementLineItemRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItem	addEntitlementLineItemDataType	1..*	See addEntitlementLineItemDataType.

Referenced By

Name	Type
replaceEntitlementLineItem	Method

XML Example

The following XML fragment illustrates a **replaceEntitlementLineItemRequest** message:

```
<replaceEntitlementLineItemRequest>
  <lineItem>
    <entitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent_basic</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
    <lineItems>
      <activationId>
        <id>Ent-replace-3</id>
      </activationId>
      <product>
        <primaryKeys>
          <name>Basic Paint</name>
          <version>1.0</version>
        </primaryKeys>
      </product>
      <licenseModel>
        <primaryKeys>
          <name>Nodelocked Uncounted</name>
        </primaryKeys>
      </licenseModel>
      <licenseModelAttributes>
        <attribute>
          <attributeName>NOTICE</attributeName>
          <stringValue>n</stringValue>
        </attribute>
        <attribute>
```

XML Example


```
            <attributeName>SERIAL_NUMBER</attributeName>
            <stringValue>sn</stringValue>
          </attribute>
        </licenseModelAttributes>
        <numberOfCopies>10</numberOfCopies>
        <isPermanent>true</isPermanent>
      </lineItems>
      <maintenanceLineItems>
        <activationId>
          <id>Ent-replace-3M</id>
        </activationId>
        <maintenanceProduct>
          <primaryKeys>
            <name>Paint Maintenance</name>
            <version>1.0</version>
          </primaryKeys>
        </maintenanceProduct>
        <startDate>2008-01-15</startDate>
        <expirationDate>2008-01-15</expirationDate>
        <parentLineItem>
          <primaryKeys>
            <activationId>Ent-replace-3</activationId>
          </primaryKeys>
        </parentLineItem>
      <!--Optional:-->
        <maintenanceLineItemAttributes>
          <!--Zero or more repetitions:-->
          <attribute>
            <attributeName>murmure montis</attributeName>
            <!--Optional:-->
            <stringValue>vinclis et</stringValue>
            <!--Optional:-->
            <dateValue>2008-11-04</dateValue>
            <!--Optional:-->
            <booleanValue>true</booleanValue>
            <!--Optional:-->
            <integerValue>100</integerValue>
            <!--Zero or more repetitions:-->
            <arrayValue>sciret dare</arrayValue>
          </attribute>
        </maintenanceLineItemAttributes>
      </maintenanceLineItems>
    </lineItem>
  </replaceEntitlementLineItemRequest>
```

Element: replaceEntitlementLineItemResponse

Description

A **replaceEntitlementLineItemResponse** message contains an element of replaceOnlyEntitlementLineItemResponseType.

Derived By

Type replaceOnlyEntitlementLineItemResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedAddEntitlementLineItemDataListType</td><td>0..1</td><td>See failedAddEntitlementLineItemDataListType.</td></tr>
<tr><td>responseData</td><td>addedEntitlementLineItemDataListType</td><td>0..1</td><td>See addedEntitlementLineItemDataListType.</td></tr>
</table>

Referenced By

Name	Type
replaceEntitlementLineItem	Method

XML Example

The following XML fragment illustrates a successful **replaceEntitlementLineItemResponse** message:

```
<replaceEntitlementLineItemResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <addedLineItems>
      <entitlementIdentifier>
        <primaryKeys>
          <entitlementId>Ent_basic</entitlementId>
        </primaryKeys>
      </entitlementIdentifier>
      <lineItemUniqueIds>HID-220113</lineItemUniqueIds>
      <maintenanceLineItemUniqueIds>HID-220114
              </maintenanceLineItemUniqueIds>
    </addedLineItems>
  </responseData>
</replaceEntitlementLineItemResponse>
```

Element: searchActivatableItemRequest

Description

A **searchActivatableItemRequest** message contains an element of searchActivatableItemRequestType.

Derived By

Type searchActivatableItemRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activatableItemSearchCriteria	searchActivatableItemDataType	1..1	Required. See searchActivatableItemDataType.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
pageNumber	integer	0..1	Defaults to 1. Say the getActivatableItemCount operation using the same query parameters returns 100 records.If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Referenced By

Name	Type
getActivatableItemsQuery	Method

XML Example

The following XML fragment illustrates a **searchActivatableItemRequest** message:

```
<searchActivatableItemRequest>
  <activatableItemSearchCriteria>
    <entitlementId>
      <value>z</value>
      <searchType>CONTAINS</searchType>
    </entitlementId>
  </activatableItemSearchCriteria>
  <batchSize>50</batchSize>
  <pageNumber>1</pageNumber>
</searchActivatableItemRequest>
```

Element: searchActivatableItemResponse

Description

A **searchActivatableItemResponse** message contains an element of searchActivatableItemResponseType.

This operation will not return maintenance line items.

Note: *The soldTo element is supported for backwards compatibility in the response to this operation, and now the channelPartners element is also supported. Note, however, that the query parameters of the operation do not support the channelPartners element. soldTo or parentBulkEntSoldTo should still be used to specify an account in the query request or response.*

Derived By

Type searchActivatableItemResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Content Model

Component	Type	Occurs	Description
activatableItem	activatableItemDetailType	0..*	See activatableItemDetailType.

Referenced By

Name	Type
getActivatableItemsQuery	Method

XML Example

The following XML fragment illustrates part of a successful **searchActivatableItemResponse** message:

```
<searchActivatableItemResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <activatableItem>
    <activatableItemType>LINEITEM</activatableItemType>
    <entitlementId>Ent_basic_z</entitlementId>
    <soldTo>ACME</soldTo>
    <shipToEmail>test@example.com</shipToEmail>
    <shipToAddress>San Jose</shipToAddress>
    <entitlementState>DEPLOYED</entitlementState>
    <activatableItemData>
      <activationId>
        <id>Ent_basic_z_1</id>
      </activationId>
      <product>
        <uniqueId>HID-20103</uniqueId>
        <primaryKeys>
          <name>Product_basic</name>
          <version>1.0</version>
        </primaryKeys>
      </product>
      <licenseModel>
        <uniqueId>HID-21005</uniqueId>
        <primaryKeys>
          <name>FC Ent Policies</name>
        </primaryKeys>
      </licenseModel>
      <licenseModelAttributes>
        <attribute>
          <attributeName>NOTICE</attributeName>
          <stringValue>notice</stringValue>
        </attribute>
        <attribute>
          <attributeName>SERIAL_NUMBER</attributeName>
          <stringValue>serial</stringValue>
        </attribute>
      </licenseModelAttributes>
      <policyAttributes>
        <cancelLicensePolicy>
          <isCancelLicense>false</isCancelLicense>
        </cancelLicensePolicy>
        <virtualLicensePolicy>
          <isVirtualLicense>true</isVirtualLicense>
        </virtualLicensePolicy>
```

XML Example


```
        </policyAttributes>
        <orderId>OR125</orderId>
        <orderLineNumber>1</orderLineNumber>
        <numberOfCopies>10</numberOfCopies>
        <isPermanent>false</isPermanent>
        <expirationDate>2008-11-30</expirationDate>
        <versionDateAttributes>
          <versionOption>DEFINE_NOW</versionOption>
        </versionDateAttributes>
        <numberOfRemainingCopies>10</numberOfRemainingCopies>
        <isTrustedType>false</isTrustedType>
        <state>DEPLOYED</state>
        <licenseTechnology>
          <uniqueId>HID-100</uniqueId>
          <primaryKeys>
            <name>FLEXnet Licensing</name>
          </primaryKeys>
        </licenseTechnology>
        <createdOnDateTime>2011-08-24T20:46:44.212Z</createdOnDateTime>
        <lastModifiedDateTime>2011-08-24T20:50:17.312Z</lastModifiedDateTime>
      </activatableItemData>
    </activatableItem>
  </searchActivatableItemResponse>
```

Element: searchEntitlementLineItemPropertiesRequest

Description

A **searchEntitlementLineItemPropertiesRequest** message contains an element of searchEntitlementLineItemPropertiesRequestType.

Derived By

Type searchEntitlementLineItemPropertiesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchActivatableItemDataType	1..1	Required. See searchActivatableItemDataType. Leave this element blank to return all activatable line items.
entitlementLineItemResponseConfig	entitlementLineItemResponseConfigRequestType	1..1	See entitlementLineItemResponseConfigRequestType.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
pageNumber	integer	0..1	Required. Starts at 1. Say the operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Referenced By

Name	Type
getEntitlementLineItemPropertiesQuery	Method

XML Example

The following XML fragment illustrates a **searchEntitlementLineItemPropertiesRequest** message:

```
<searchEntitlementLineItemPropertiesRequest>
    <EntitlementLineItemSearchCriteria>
    </EntitlementLineItemSearchCriteria>
    <EntitlementLineItemResponseConfig>
      <Id>1</Id>
      <activationId>1</activationId>
      <description>1</description>
      <state>1</state>
      <EntitlementLineItemType>1</EntitlementLineItemType>
      <orderId>1</orderId>
      <orderLineNumber>1</orderLineNumber>
      <entitlementId>1</entitlementId>
      <soldTo>1</soldTo>
      <entitlementState>1</entitlementState>
      <entitlementDescription>1</entitlementDescription>
```

XML Example


```
      <shipToEmail>1</shipToEmail>
      <shipToAddress>1</shipToAddress>
      <parentBulkEntitlementId>1</parentBulkEntitlementId>
      <bulkEntSoldTo>1</bulkEntSoldTo>
      <product>1</product>
      <productDescription>1</productDescription>
      <partNumber>1</partNumber>
      <partNumberDescription>1</partNumberDescription>
      <licenseTechnology>1</licenseTechnology>
      <licenseModel>1</licenseModel>
      <lineItemSupportAction>1</lineItemSupportAction>
      <parentLineItem>1</parentLineItem>
      <startDate>1</startDate>
      <startDateOption>1</startDateOption>
      <isPermanent>1</isPermanent>
      <term>1</term>
      <expirationDate>1</expirationDate>
      <versionDate>1</versionDate>
      <versionDateAttributes>1</versionDateAttributes>
      <numberOfCopies>1</numberOfCopies>
      <fulfilledAmount>1</fulfilledAmount>
      <numberOfRemainingCopies>1</numberOfRemainingCopies>
      <isTrusted>1</isTrusted>
      <customAttributes>
        <attribute>
          <attributeName>NumberAttr</attributeName>
        </attribute>
        <attribute>
          <attributeName>TextAttr</attributeName>
        </attribute>
        <attribute>
          <attributeName>BooleanAttr</attributeName>
        </attribute>
        <attribute>
          <attributeName>DateAttr</attributeName>
        </attribute>
      </customAttributes>
    </EntitlementLineItemResponseConfig>
    <batchSize>20</batchSize>
    <pageNumber>1</pageNumber>
  </searchEntitlementLineItemPropertiesRequest>
```

Element: searchEntitlementLineItemPropertiesResponse

Description

A **searchEntitlementLineItemPropertiesResponse** message contains an element of searchEntitlementLineItemPropertiesResponseType.

A user will see only elements configured in entitlementLineItemResponseConfig. Selecting too many elements for a response can negatively impact performance. Only select the elements required for a given response

Note: *The soldTo element is supported for backwards compatibility in the response to this operation, and now the channelPartners element is also supported. Note, however, that the query parameters of the operation do not support the channelPartners element. soldTo or parentBulkEntSoldTo should still be used to specify an account in the query request or response.*

Derived By

Type searchEntitlementLineItemPropertiesResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Content Model

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlementLineItem</td><td>entitlementLineItemPropertiesType</td><td>0..*</td><td>See entitlementLineItemPropertiesType.</td></tr>
</table>

Referenced By

Name	Type
getEntitlementLineItemPropertiesQuery	Method

XML Example

The following XML fragment illustrates a successful **searchEntitlementLineItemPropertiesResponse** message:

```
<searchEntitlementLineItemPropertiesResponse>
    <statusInfo>
      <status>SUCCESS</status>
    </statusInfo>
    <EntitlementLineItem>
      <Id>220076</Id>
```

XML Example


```
    <activationId>TestEnt-li</activationId>
    <description/>
    <state>TEST</state>
    <EntitlementLineItemType>LINEITEM</EntitlementLineItemType>
    <orderLineNumber/>
    <entitlementId>TestEnt</entitlementId>
    <entitlementState>TEST</entitlementState>
    <entitlementDescription/>
    <shipToEmail/>
    <shipToAddress/>
    <product>
      <uniqueId>HID-20093</uniqueId>
      <primaryKeys>
        <name>Basic Paint</name>
        <version>1.0</version>
      </primaryKeys>
    </product>
    <productDescription>This product contains what consumers need to get started in graphic design.</productDescription>
    <partNumber>
      <uniqueId>HID-20124</uniqueId>
      <primaryKeys>
        <partId>900-111-2222-2</partId>
      </primaryKeys>
    </partNumber>
    <licenseTechnology>
      <uniqueId>HID-100</uniqueId>
      <primaryKeys>
        <name>FLEXnet Licensing</name>
      </primaryKeys>
    </licenseTechnology>
    <licenseModel>
      <uniqueId>HID-501</uniqueId>
      <primaryKeys>
        <name>Floating Counted</name>
      </primaryKeys>
    </licenseModel>
    <startDateOption>DEFINE_AT_FIRST_ACTIVATION</startDateOption>
    <isPermanent>true</isPermanent>
    <numberOfCopies>100</numberOfCopies>
    <fulfilledAmount>0</fulfilledAmount>
    <numberOfRemainingCopies>100</numberOfRemainingCopies>
    <isTrusted>false</isTrusted>
    <customAttributes>
      <attribute>
        <attributeName>TextAttr</attributeName>
        <stringValue/>
      </attribute>
      <attribute>
        <attributeName>NumberAttr</attributeName>
        <integerValue>569</integerValue>
      </attribute>
      <attribute>
        <attributeName>BooleanAttr</attributeName>
      </attribute>
      <attribute>
        <attributeName>DateAttr</attributeName>
        <dateValue>2008-09-21</dateValue>
      </attribute>
    </customAttributes>
  </EntitlementLineItem>
</searchEntitlementLineItemPropertiesResponse>
```

Element: searchEntitlementMaintenanceLineItemPropertiesRequest

Description

A **searchEntitlementMaintenanceLineItemPropertiesRequest** message contains an element of searchEntitlementMaintenanceLineItemPropertiesRequestType.

Derived By

Type searchEntitlementMaintenanceLineItemPropertiesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchMaintenanceLineItemDataType	1..1	See searchMaintenanceLineItemDataType.
entitlementMaintenanceLineItemResponseConfig	entitlementMaintenanceLineItemResponseConfigRequestType	1..1	See entitlementMaintenanceLineItemResponseConfigRequestType.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
pageNumber	integer	0..1	Required. Starts at 1. Say the operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Referenced By

Name	Type
getEntitlementMaintenanceLineItemPropertiesQuery	Method

XML Example

The following XML fragment illustrates a **searchEntitlementMaintenanceLineItemPropertiesRequest** message:

```
<searchEntitlementMaintenanceLineItemPropertiesRequest>
    <queryParams>
        <activationId>
            <value>MaintForKasperskySuite</value>
            <searchType>STARTS_WITH</searchType>
        </activationId>
        <isPermanent>true</isPermanent>
    </queryParams>
    <entitlementMaintenanceLineItemResponseConfig>
        <activationId>true</activationId>
        <state>true</state>
        <entitlementId>true</entitlementId>
        <maintenanceProduct>true</maintenanceProduct>
        <startDate>true</startDate>
        <isPermanent>true</isPermanent>
```

XML Example

```
        <expirationDate>true</expirationDate>
        <createdOnDateTime>true</createdOnDateTime>
        <maintenanceLineItemAttributes>true</maintenanceLineItemAttributes>
        <linkedEntitlementLineItem>true</linkedEntitlementLineItem>
    </entitlementMaintenanceLineItemResponseConfig>
    <batchSize>5</batchSize>
    <pageNumber>1</pageNumber>
</searchEntitlementMaintenanceLineItemPropertiesRequest>
```

Element: searchEntitlementMaintenanceLineItemPropertiesResponse

Description

A **searchEntitlementMaintenanceLineItemPropertiesResponse** message contains an element of searchEntitlementMaintenanceLineItemPropertiesResponseType.

Derived By

Type searchEntitlementMaintenanceLineItemPropertiesResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlementMaintenanceLineItem</td><td>entitlementMaintenanceLineItemPropertiesType</td><td>0..*</td><td>See entitlementMaintenanceLineItemPropertiesType.</td></tr>
</table>

Referenced By

Name	Type
getEntitlementMaintenanceLineItemPropertiesQuery	Method

XML Example

The following XML fragment illustrates a successful **searchEntitlementMaintenanceLineItemPropertiesResponse** message:

```
<searchEntitlementMaintenanceLineItemPropertiesResponse>
   <statusInfo>
        <status>SUCCESS</status>
   </statusInfo>
   <entitlementMaintenanceLineItem>
      <activationId>
         <uniqueId>HID-551</uniqueId>
         <primaryKeys>
              <activationId>MaintForKasperskySuite</activationId>
         </primaryKeys>
      </activationId>
      <state>DEPLOYED</state>
      <entitlementId>
           <uniqueId>HID-72256</uniqueId>
              <primaryKeys>
                   <entitlementId>WRK-Kaspersky Basic WithMulProAlternateLMENT</entitlementId>
              </primaryKeys>
       </entitlementId>
       <maintenanceProduct>
              <uniqueId>HID-36113</uniqueId>
              <primaryKeys>
                   <name>MaintForKasperskySuite</name>
                   <version>1.00</version>
                </primaryKeys>
         </maintenanceProduct>
       <startDate>2015-09-30</startDate>
      <isPermanent>true</isPermanent>
      <createdOnDateTime>2015-09-30T06:54:56.627Z</createdOnDateTime>
    </entitlementMaintenanceLineItem>
</searchEntitlementMaintenanceLineItemPropertiesResponse>
```

Element: searchEntitlementRequest

Description

A **searchEntitlementRequest** message contains an element of searchEntitlementRequestType.

Derived By

Type searchEntitlementRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementSearchCriteria	searchEntitlementDataType	1..1	Required. See searchEntitlementDataType.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
pageNumber	integer	0..1	Defaults to 1. Say the getEntitlementCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Referenced By

Name	Type
getEntitlementsQuery	Method

XML Example

The following XML fragment illustrates a **searchEntitlementRequest** message:

```
<searchEntitlementRequest>
  <entitlementSearchCriteria>
    <entitlementId>
      <value>z</value>
      <searchType>CONTAINS</searchType>
    </entitlementId>
    <isBulk>false</isBulk>
  </entitlementSearchCriteria>
  <batchSize>50</batchSize>
  <pageNumber>1</pageNumber>
</searchEntitlementRequest>
```

Element: searchEntitlementResponse

Description

A **searchEntitlementResponse** message contains an element of searchEntitlementResponseType.

Note:*The soldTo element is supported for backwards compatibility in the response to this operation, and now the channelPartners element is also supported. Note, however, that the query parameters of the operation do not support the channelPartners element. soldTo or parentBulkEntSoldTo should still be used to specify an account in the query request or response.*

Derived By

Type searchEntitlementResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>entitlement</td><td>entitlementDataType</td><td>0..*</td><td>See entitlementDataType.</td></tr>
</table>

Referenced By

Name	Type
getEntitlementsQuery	Method

XML Example

The following XML fragment illustrates a successful **searchEntitlementResponse** message:


```
<searchEntitlementResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <entitlement>
    <simpleEntitlement>
      <entitlementId>
        <id>Ent_basic_z</id>
      </entitlementId>
      <soldTo>ACME</soldTo>
      <soldToName>ACME Widgets</soldToName>
      <shipToEmail>test@example.com</shipToEmail>
      <shipToAddress>San Jose</shipToAddress>
      <state>DEPLOYED</state>
      <createdUserId>admin</createdUserId>
      <lineItems>
        <activationId>
          <id>Ent_basic_z_1</id>
        </activationId>
        <product>
          <uniqueId>HID-20103</uniqueId>
          <primaryKeys>
            <name>Product_basic</name>
            <version>1.0</version>
          </primaryKeys>
        </product>
        <licenseModel>
          <uniqueId>HID-21005</uniqueId>
          <primaryKeys>
            <name>FC Ent Policies</name>
          </primaryKeys>
        </licenseModel>
        <licenseModelAttributes>
          <attribute>
            <attributeName>NOTICE</attributeName>
            <stringValue>notice</stringValue>
          </attribute>
          <attribute>
            <attributeName>SERIAL_NUMBER</attributeName>
            <stringValue>serial</stringValue>
          </attribute>
        </licenseModelAttributes>
        <orderId>OR125</orderId>
        <orderLineNumber>1</orderLineNumber>
        <numberOfCopies>10</numberOfCopies>
        <isPermanent>false</isPermanent>
        <expirationDate>2008-11-30</expirationDate>
        <versionDateAttributes>
          <versionOption>DEFINE_NOW</versionOption>
        </versionDateAttributes>
        <numberOfRemainingCopies>10</numberOfRemainingCopies>
        <isTrustedType>false</isTrustedType>
        <state>DEPLOYED</state>
        <licenseTechnology>
          <uniqueId>HID-100</uniqueId>
```

XML Example


```
            <primaryKeys>
              <name>FLEXnet Licensing</name>
            </primaryKeys>
          </licenseTechnology>
        </lineItems>
      </simpleEntitlement>
    </entitlement>
  </searchEntitlementResponse>
```

Element: setEntitlementStateRequest

Description

A **setEntitlementStateRequest** message contains an element of setEntitlementStateRequestType.

Derived By

Type setEntitlementStateRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlement	entitlementStateDataType	1..*	Required. A setEntitlementState request contains an array of entitlement elements for which to change the state. See entitlementStateDataType.

Referenced By

Name	Type
setEntitlementState	Method

XML Example

The following XML fragment illustrates a **setEntitlementStateRequest** message:

```
<setEntitlementStateRequest>
  <entitlement>
    <entitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent_bulk_basic</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
    <stateToSet>DEPLOYED</stateToSet>
  </entitlement>
</setEntitlementStateRequest>
```

Element: setEntitlementStateResponse

Description

A **setEntitlementStateResponse** message contains an element of setEntitlementStateResponseType.

Derived By

Type setEntitlementStateResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedEntitlementStateDataListType</td><td>0..1</td><td>Information about the entitlements whose state was not set is listed in the failedData element. See failedEntitlementStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setEntitlementState	Method

XML Example

The following XML fragment illustrates a successful **setEntitlementStateResponse** message:

```
<setEntitlementStateResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</setEntitlementStateResponse>
```

Element: setLineItemStateRequest

Description

A **setLineItemStateRequest** message contains an element of setLineItemStateRequestType.

Derived By

Type setLineItemStateRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItem	lineItemStateDataType	1..*	Required. A **setLineItemState** request contains an array of **lineItem** elements for which to change the state. See lineItemStateDataType.

Referenced By

Name	Type
setLineItemState	Method

XML Example

The following XML fragment illustrates a **setLineItemStateRequest** message:

```
<setLineItemStateRequest>
  <lineItem>
    <lineItemIdentifier>
      <primaryKeys>
        <activationId>Ent_basic_b_1</activationId>
      </primaryKeys>
    </lineItemIdentifier>
    <stateToSet>DRAFT</stateToSet>
    <includeChildItems>false</includeChildItems>
  </lineItem>
</setLineItemStateRequest>
```

Element: setLineItemStateResponse

Description

A **setLineItemStateResponse** message contains an element of setLineItemStateResponseType.

Derived By

Type setLineItemStateResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedLineItemStateDataListType</td><td>0..1</td><td>Information about the line items whose state was not set is listed in the failedData element. See failedLineItemStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setLineItemState	Method

XML Example

The following XML fragment illustrates a successful **setLineItemStateResponse** message:

```
<setLineItemStateResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</setLineItemStateResponse>
```

Element: setMaintenanceLineItemStateRequest

Description

A **setMaintenanceLineItemStateRequest** message contains an element of setMaintenanceLineItemStateRequestType.

Derived By

Type setMaintenanceLineItemStateRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLineItem	maintenanceLineItemStateDataType	1..*	See maintenanceLineItemStateDataType.

Referenced By

Name	Type
setMaintenanceLineItemState	Method

XML Example

The following XML fragment illustrates a **setMaintenanceLineItemStateRequest** message:

```
<setMaintenanceLineItemStateRequest>
  <maintenanceLineItem>
    <lineItemIdentifier>
      <uniqueId>HID-111373</uniqueId>
      <primaryKeys>
        <activationId>ActivationID-Parent-TestRF007_1</activationId>
      </primaryKeys>
    </lineItemIdentifier>
    <stateToSet>DEPLOYED</stateToSet>
  </maintenanceLineItem>
</setMaintenanceLineItemStateRequest>
```

Element: setMaintenanceLineItemStateResponse

Description

A **setMaintenanceLineItemStateResponse** message contains an element of setMaintenanceLineItemStateResponseType.

Derived By

Type setMaintenanceLineItemStateResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—The request was processed.
FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives the reason for the failure.</td></tr>
</table>
</td></tr>
<tr><td>failedMaintenanceData</td><td>failedMaintenanceLineItemStateDataListType</td><td>0..1</td><td>See failedMaintenanceLineItemStateDataListType.</td></tr>
</table>

Referenced By

Name	Type
setMaintenanceLineItemState	Method

XML Example

The following XML fragment illustrates a successful **setMaintenanceLineItemStateResponse** message:

```
<setMaintenanceLineItemStateResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</setMaintenanceLineItemStateResponse>
```

XML Example

The following XML fragment illustrates an unsuccessful **setMaintenanceLineItemStateResponse** message:

```
<setMaintenanceLineItemStateResponse>
  <statusInfo>
    <status>FAILURE</status>
    <reason>All input data in the request failed.</reason>
  </statusInfo>
  <failedMaintenanceData>
    <failedMaintenanceLineItem>
      <maintenanceLineItem>
        <lineItemIdentifier>
          <primaryKeys>
            <activationId>se2-1M</activationId>
          </primaryKeys>
        </lineItemIdentifier>
        <stateToSet>INVALID_STATE</stateToSet>
      </maintenanceLineItem>
      <reason>xxx</reason>
    </failedMaintenanceLineItem>
  </failedMaintenanceData>
</setMaintenanceLineItemStateResponse>
```

Element: splitBulkEntitlementRequest

Description

A **splitBulkEntitlementRequest** message contains an element of splitBulkEntitlementRequestType.

Derived By

Type splitBulkEntitlementRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementList	splitBulkEntitlementListType	1..1	Required. See splitBulkEntitlementListType.

Referenced By

Name	Type
splitBulkEntitlement	Method

XML Example

The following XML fragment illustrates a **splitLineItemRequest** message:

```
<splitBulkEntitlementRequest>
  <bulkEntitlementList>
    <bulkEntitlementInfo>
      <bulkEntIdentifier>
        <primaryKeys>
          <activationId>se-split-1</activationId>
        </primaryKeys>
      </bulkEntIdentifier>
        <numberOfCopies>15</numberOfCopies>
        <targetTierName>bo.constants.partnertiernames.endcustomer</targetTierName>
      <targetAccountUnit>
        <primaryKeys>
          <name>ORG2</name>
        </primaryKeys>
      </targetAccountUnit>
      <matchingBulkEntitlementIdentifier>
        <primaryKeys>
          <entitlementId>Ent-match-a</entitlementId>
        </primaryKeys>
      </matchingBulkEntitlementIdentifier>
      <matchingLineItemIdentifier>
        <primaryKeys>
          <activationId>se-match-1</activationId>
        </primaryKeys>
      </matchingLineItemIdentifier>
    </bulkEntitlementInfo>
  </bulkEntitlementList>
</bulkEntitlementRequest>
```

Element: splitBulkEntitlementResponse

Description

A **splitBulkEntitlementResponse** message contains an element of splitBulkEntitlementResponseType.

Derived By

Type splitBulkEntitlementResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>splitBulkEntitlementResponseListType</td><td>0..1</td><td>Information about the bulk entitlement that was split, and optionally the bulk entitlement to which the split web register keys went, is listed in the responseData element. See splitBulkEntitlementResponseListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedSplitBulkEntitlementListType	0..1	Information about an entitlement line item that was not split is listed in the failedData element. See failedSplitBulkEntitlementListType.

Referenced By

Name	Type
splitBulkEntitlement	Method

XML Example

The following XML fragment illustrates a successful **splitBulkEntitlementResponse** message:

```
<splitBulkEntitlementResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <splitBulkEntitlement>
      <bulkEntIdentifier>
        <uniqueId>HID-101349</uniqueId>
        <primaryKeys>
          <entitlementId>Ent-split-2</entitlementId>
        </primaryKeys>
      </bulkEntIdentifier>
      <newBulkEntIdentifier>
        <primaryKeys>
          <entitlementId>3da0-c6d3-128c-b87c-bc77-ffc</entitlementId>
        </primaryKeys>
      </newBulkEntIdentifier>
    </splitBulkEntitlement>
  </responseData>
</splitBulkEntitlementResponse>
```

Element: splitLineItemRequest

Description

A **splitLineItemRequest** message contains an element of splitLineItemRequestType.

Derived By

Type splitLineItemRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemList	splitLineItemListType	1..1	Required. See splitLineItemListType.

Referenced By

Name	Type
splitLineItem	Method

XML Example

The following XML fragment illustrates a **splitLineItemRequest** message:

```
<splitLineItemRequest>
  <lineItemList>
    <lineItemInfo>
      <lineItemIdentifier>
        <primaryKeys>
          <activationId>se-split-1</activationId>
        </primaryKeys>
      </lineItemIdentifier>
        <numberOfCopies>15</numberOfCopies>
        <targetTierName>bo.constants.partnertiernames.endcustomer</targetTierName>
      <targetAccountUnit>
        <primaryKeys>
          <name>ORG2</name>
        </primaryKeys>
      </targetAccountUnit>
      <matchingLineItemIdentifier>
        <primaryKeys>
          <activationId>se-match-1</activationId>
        </primaryKeys>
      </matchingLineItemIdentifier>
    </lineItemInfo>
  </lineItemList>
</splitLineItemRequest>
```

Element: splitLineItemResponse

Description

A **splitLineItemResponse** message contains an element of splitLineItemResponseType.

Derived By

Type splitLineItemResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>splitLineItemResponseListType</td><td>0..1</td><td>Information about the entitlement line item that was split, and optionally the entitlement to which the split counts went, is listed in the responseData element. See splitLineItemResponseListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedSplitLineItemListType	0..1	Information about an entitlement line item that was not split is listed in the **failedData** element. See failedSplitLineItemListType.

Referenced By

Name	Type
splitLineItem	Method

XML Example

The following XML fragment illustrates a successful **splitLineItemResponse** message:

```
<splitLineItemResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <splitLineItem>
      <lineItemIdentifier>
        <uniqueId>HID-101349</uniqueId>
        <primaryKeys>
          <activationId>se-split-2</activationId>
        </primaryKeys>
      </lineItemIdentifier>
      <entitlementIdentifier>
        <primaryKeys>
          <entitlementId>3da0-c6d3-128c-b87c-bc77-ffc</entitlementId>
        </primaryKeys>
      </entitlementIdentifier>
    </splitLineItem>
  </responseData>
</splitLineItemResponse>
```

Element: transferEntitlementsRequest

Description

A **transferEntitlementsRequest** message contains an element of transferEntitlementsRequestType.

Derived By

Type transferEntitlementsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementList	transferEntitlementsListType	1..1	Required. See transferEntitlementInfoType.

Referenced By

Name	Type
transferEntitlement	Method

XML Example

The following XML fragment illustrates a **transferEntitlementsRequest** message:

```
<transferEntitlementsRequest>
  <entitlementList>
    <entitlementInfo>
      <entitlementIdentifier>
        <primaryKeys>
          <entitlementId>Ent-basic</entitlementId>
        </primaryKeys>
      </entitlementIdentifier>
      <accountTo>WILY</accountTo>
      <retainExistingIds>false</retainExistingIds>
      <returnActiveFulfillments>true</returnActiveFulfillments>
    </entitlementInfo>
  </entitlementList>
</transferEntitlementsRequest>
```

Element: transferEntitlementsResponse

Description

A **transferEntitlementsResponse** message contains an element of transferEntitlementsResponseType.

Each entitlement in the **transferEntitlementsRequest** is transferred as an atomic unit; transferring each either succeeds or fails.

Derived By

Type transferEntitlementsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>transferredEntitlementsListType</td><td>0..1</td><td>Information about the entitlements that were transferred is listed in the responseData element. See transferredEntitlementsListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedTransferEntitlementListType	0..1	Information about the entitlements that were not added is listed in the failedData element. See failedTransferEntitlementListType.

Referenced By

Name	Type
transferEntitlement	Method

XML Example

The following XML fragment illustrates a successful **transferEntitlementsResponse** message:

```
<transferEntitlementsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <transferredEntitlement>
      <entitlementIdentifier>
        <uniqueId>HID-220046</uniqueId>
        <primaryKeys>
          <entitlementId>18ee-9d61-9994-1748-747f-f8</entitlementId>
        </primaryKeys>
      </entitlementIdentifier>
      <lineItemIdentifierMap>
        <activationId>18ee-9d61-1094-1799-747f-f7</activationId>
        <transferredFromId>Ent-basic-2</transferredFromId>
      </lineItemIdentifierMap>
      <lineItemIdentifierMap>
        <activationId>18ee-9d61-1094-1748-747f-f6</activationId>
        <transferredFromId>Ent-basic-1</transferredFromId>
      </lineItemIdentifierMap>
    </transferredEntitlement>
  </responseData>
</transferEntitlementsResponse>
```

Element: transferLineItemsRequest

Description

A **transferLineItemsRequest** message contains an element of transferLineItemsRequestType.

Derived By

Type transferLineItemsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemList	transferLineItemsListType	1..1	Required. See transferLineItemsListType.

Referenced By

Name	Type
transferLineItem	Method

XML Example

The following XML fragment illustrates a **transferLineItemsRequest** message:

```
<transferLineItemsRequest>
  <lineItemList>
    <lineItemInfo>
      <lineItemIdentifier>
        <primaryKeys>
          <activationId>Ent-trans-1</activationId>
        </primaryKeys>
      </lineItemIdentifier>
      <numberOfCopies>10</numberOfCopies>
      <useSameActivationId>true</useSameActivationId>
      <entitlementBelongsTo>
        <primaryKeys>
          <entitlementId>Ent-receive</entitlementId>
        </primaryKeys>
      </entitlementBelongsTo>
    </lineItemInfo>
  </lineItemList>
</transferLineItemsRequest>
```

Element: transferLineItemsResponse

Description

A **transferLineItemsResponse** message contains an element of transferLineItemsResponseType.

Each entitlement line item in the **transferLineItemsRequest** is transferred as an atomic unit; transferring each either succeeds or fails.

Derived By

Type transferLineItemsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>transferredLineItemsListType</td><td>0..1</td><td>Information about the entitlements that were transferred is listed in the responseData element. See transferredLineItesmsListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedTransferLineItemListType	0..1	Information about the entitlements that were not added is listed in the failedData element. See failedTransferLineItemListType.

Referenced By

Name	Type
transferLineItem	Method

XML Example

The following XML fragment illustrates a successful **transferLineItemsResponse** message:

```
<transferLineItemsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <transferredLineItem>
      <lineItemIdentifier>
        <uniqueId>HID-220116</uniqueId>
        <primaryKeys>
          <activationId>Ent-trans-1</activationId>
        </primaryKeys>
      </lineItemIdentifier>
      <transferredFromId>
        <primaryKeys>
          <activationId>Ent-trans-1</activationId>
        </primaryKeys>
      </transferredFromId>
    </transferredLineItem>
  </responseData>
</transferLineItemsResponse>
```

Element: unlinkMaintenanceLineItemRequest

Description

An **unlinkMaintenanceLineItemRequest** message contains an element of unlinkMaintenanceLineItemRequestType.

Derived By

Type unlinkMaintenanceLineItemRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
unlinkMaintenanceLineItemList	unlinkMaintenanceLineItemListType	1..1	See unlinkMaintenanceLineItemListType.

Referenced By

Name	Type
unlinkMaintenanceLineItem	Method

XML Example

The following XML fragment illustrates an **unlinkMaintenanceLineItem** message:

```
<unlinkMaintenanceLineItemRequest>
      <unlinkMaintenanceLineItemList>
        <!--1 or more repetitions:-->
        <unlinkMaintenanceLineItem>
          <lineItemIdentifier>
            <!--Optional:-->
            <uniqueId>?</uniqueId>
            <!--Optional:-->
            <primaryKeys>
              <activationId>?</activationId>
            </primaryKeys>
          </lineItemIdentifier>
          <maintenanceLineItemIdentifier>
            <!--Optional:-->
            <uniqueId>?</uniqueId>
            <!--Optional:-->
            <primaryKeys>
              <activationId>?</activationId>
            </primaryKeys>
          </maintenanceLineItemIdentifier>
        </unlinkMaintenanceLineItem>
      </unlinkMaintenanceLineItemList>
    </unlinkMaintenanceLineItemRequest>
```

Element: unlinkMaintenanceLineItemResponse

Description

An **unlinkMaintenanceLineItemResponse** message contains an element of unlinkMaintenanceLineItemResponseType.

Derived By

Type unlinkMaintenanceLineItemResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUnlinkMaintenanceLineItemListType</td><td>0..1</td><td>See failedUnlinkMaintenanceLineItemListType.</td></tr>
</table>

Referenced By

Name	Type
unlinkMaintenanceLineItem	Method

XML Example

The following XML fragment illustrates a successful **unlinkMaintenanceLineItemResponse** message:

```
<unlinkMaintenanceLineItemResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</unlinkMaintenanceLineItemResponse>
```

The following XML fragment illustrates an unsuccessful **unlinkMaintenanceLineItemResponse** message:

```
<unlinkMaintenanceLineItemResponse>
  <statusInfo>
    <status>FAILURE</status>
    <reason>All input data in the request failed. …</reason>
  </statusInfo>
  <failedData>
    <failedUnlinkMaintenanceLineItem>
      <unlinkMaintenanceLineItem>
        <lineItemIdentifier>
          <primaryKeys>
            <activationId>ent-maint-1P</activationId>
          </primaryKeys>
        </lineItemIdentifier>
        <maintenanceLineItemIdentifier>
          <primaryKeys>
            <activationId>ent-maint-1</activationId>
          </primaryKeys>
        </maintenanceLineItemIdentifier>
      </unlinkMaintenanceLineItem>
      <reason>9999:Cannot find the specified maintenance line item</reason>
    </failedUnlinkMaintenanceLineItem>
  </failedData>
</unlinkMaintenanceLineItemResponse>
```

Element: updateBulkEntitlementRequest

Description

An **updateBulkEntitlementRequest** message contains an element of updateBulkEntitlementRequestType.

Derived By

Type updateBulkEntitlementRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlement	updateBulkEntitlementDataType	1..*	Required. An updateBulkEntitlementRequest contains a bulkEntitlement element. See updateBulkEntitlementDataType.

Referenced By

Name	Type
updateBulkEntitlement	Method

XML Example

The following XML fragment illustrates an **updateBulkEntitlementRequest** message:

```
<updateBulkEntitlementRequest>
  <bulkEntitlement>
    <entitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent_bulk_basic</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
    <licenseModelAttributes>
      <attribute>
        <attributeName>SERIAL_NUMBER</attributeName>
        <stringValue>serial</stringValue>
      </attribute>
      <attribute>
        <attributeName>NOTICE</attributeName>
        <stringValue>notice</stringValue>
      </attribute>
    </licenseModelAttributes>
  </bulkEntitlement>
</updateBulkEntitlementRequest>
```

Element: updateBulkEntitlementResponse

Description

An **updateBulkEntitlementResponse** message contains an element of updateBulkEntitlementResponseType.

Derived By

Type updateBulkEntitlementResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateBulkEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not updated is listed in the failedData element. See failedUpdateBulkEntitlementDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateBulkEntitlement	Method

XML Example

The following XML fragment illustrates a successful **updateBulkEntitlementResponse** message:

```
<updateBulkEntitlementResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</updateBulkEntitlementResponse>
```

Element: updateEntitlementLineItemRequest

Description

An **updateEntitlementLineItemRequest** message contains an element of updateEntitlementLineItemRequestType.

Derived By

Type updateEntitlementLineItemRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemData	updateEntitlementLineItemDataType	1..*	Required. An updateEntitlementLineItemRequest contains a lineItemData element. See updateEntitlementLineItemDataType.

Referenced By

Name	Type
updateEntitlementLineItem	Method

XML Example

The following XML fragment illustrates an **updateEntitlementLineItemRequest** message:

```
<updateEntitlementLineItemRequest>
  <lineItemData>
    <entitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent_basic</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
  <lineItemData>
    <lineItemIdentifier>
      <primaryKeys>
        <activationId>Ent_basic_1</activationId>
      </primaryKeys>
    </lineItemIdentifier>
    <numberOfCopies>20</numberOfCopies>
  </lineItemData>
  <!--Optional:-->
  <maintenanceLineItems>
    <maintenanceLineItemAttributes>
      <!--Zero or more repetitions:-->
      <attribute>
        <attributeName>murmure montis</attributeName>
        <!--Optional:-->
        <stringValue>vinclis et</stringValue>
        <!--Optional:-->
        <dateValue>2008-11-04</dateValue>
        <!--Optional:-->
        <booleanValue>true</booleanValue>
```

XML Example

```
            <!--Optional:-->
            <integerValue>100</integerValue>
            <!--Zero or more repetitions:-->
            <arrayValue>sciret dare</arrayValue>
          </attribute>
        </maintenanceLineItemAttributes>
      </maintenanceLineItems>
    </updateEntitlementLineItemRequest>
```

Element: updateEntitlementLineItemResponse

Description

A **updateEntitlementLineItemResponse** message contains an element of updateEntitlementLineItemResponseType.

Each entitlement in the **updateEntitlementLineItemRequest** is updated as an atomic unit; updating each either succeeds or fails.

Derived By

Type updateEntitlementLineItemResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateEntitlementLineItemDataListType</td><td>0..1</td><td>Information about the line items that were not updated is listed in the failedData element. See failedUpdateEntitlementLineItemDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateEntitlementLineItem	Method

XML Example

The following XML fragment illustrates a successful **updateEntitlementLineItemResponse** message:

```
<updateEntitlementLineItemResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</updateEntitlementLineItemResponse>
```

Element: updateSimpleEntitlementRequest

Description

An **updateSimpleEntitlementRequest** message contains an element of updateSimpleEntitlementRequestType.

Derived By

Type updateSimpleEntitlementRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
simpleEntitlement	updateSimpleEntitlementDataType	1..*	Required. An **updateSimpleEntitlementRequest** contains a simpleEntitlement element. See updateSimpleEntitlementDataType.

Referenced By

Name	Type
updateSimpleEntitlement	Method

XML Example

The following XML fragment illustrates an **updateSimpleEntitlementRequest** message:

```
<updateSimpleEntitlementRequest>
  <simpleEntitlement>
    <entitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent_basic_a</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
    <entitlementId>
      <id>Ent_basic_a_mod</id>
    </entitlementId>
    <soldTo>Delta</soldTo>
  </simpleEntitlement>
</updateSimpleEntitlementRequest>
```

Element: updateSimpleEntitlementResponse

Description

A **updateSimpleEntitlementResponse** message contains an element of updateSimpleEntitlementResponseType.

Each entitlement in the **updateSimpleEntitlementRequest** is updated as an atomic unit; updating each either succeeds or fails.

Derived By

Type updateSimpleEntitlementResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateSimpleEntitlementDataListType</td><td>0..1</td><td>Information about the entitlements that were not updated is listed in the failedData element. See failedUpdateSimpleEntitlementDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateSimpleEntitlement	Method

XML Example

The following XML fragment illustrates a successful **updateSimpleEntitlementResponse** message:

```
<updateSimpleEntitlementResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</updateSimpleEntitlementResponse>
```

Element: upgradeLicenseRequest

Description

An **upgradeLicenseRequest** message contains an element of EntitlementLifeCycleRequestType.

Derived By

Type EntitlementLifeCycleRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementData	entitlementLifeCycleDataType	0..*	Required. A **EntitlementLifecycleRequest** contains an array of **entitlementData** elements. See entitlementLifeCycleDataType.

Referenced By

Name	Type
upgradeLicense	Method

XML Example

The following XML fragment illustrates an **upgradeLicenseRequest** message:

```
<upgradeLicenseRequest>
  <entitlementData>
    <parentEntitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent-upgrade</entitlementId>
      </primaryKeys>
    </parentEntitlementIdentifier>
    <lineItemData>
      <parentLineItemIdentifier>
        <primaryKeys>
          <activationId>Ent-upgrade-1</activationId>
        </primaryKeys>
      </parentLineItemIdentifier>
      <lineItem>
        <activationId>
          <id>Ent-upgrade-1UPGRADE</id>
        </activationId>
        <product>
          <primaryKeys>
            <name>Basic Paint</name>
            <version>2.0</version>
          </primaryKeys>
        </product>
        <licenseModel>
          <primaryKeys>
            <name>Floating Counted</name>
          </primaryKeys>
```

XML Example


```
            </licenseModel>
            <licenseModelAttributes>
              <attribute>
                <attributeName>SERIAL_NUMBER</attributeName>
                <stringValue>some thing</stringValue>
              </attribute>
              <attribute>
                <attributeName>NOTICE</attributeName>
                <stringValue>test</stringValue>
              </attribute>
            </licenseModelAttributes>
            <orderId>110</orderId>
            <orderLineNumber>10</orderLineNumber>
            <numberOfCopies>3</numberOfCopies>
            <startDate>2008-02-15</startDate>
            <isPermanent>true</isPermanent>
            <lineItemType>UPGRADE</lineItemType>
          </lineItem>
          <isFull>true</isFull>
          <allowActivationsOnParent>false</allowActivationsOnParent>
          <autoDeploy>true</autoDeploy>
        </lineItemData>
      </entitlementData>
    </upgradeLicenseRequest>
```

Element: upgradeLicenseResponse

Description

An **upgradeLicenseResponse** message contains an element of EntitlementLifeCycleResponseType.

Each entitlement in the **upgradeLicenseRequest** is renewed as an atomic unit; upgrading each either succeeds or fails.

Derived By

Type EntitlementLifeCycleResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedEntitlementLifeCycleDataListType</td><td>0..1</td><td>Information about the entitlements that were not upgraded is listed in the failedData element. See failedEntitlementLifeCycleDataListType.</td></tr>
<tr><td>responseData</td><td>createdEntitlementLifeCycleDataListType</td><td>0..1</td><td>Information about the entitlements that were upgraded is listed in the responseData element. See createdEntitlementLifeCycleDataListType.</td></tr>
</table>

Referenced By

Name	Type
upgradeLicense	Method

XML Example

The following XML fragment illustrates a successful **upgradeLicenseResponse** message:

```
<upgradeLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <entitlementData>
      <entitlementRecordRefNo>01</entitlementRecordRefNo>
      <parentEntitlementIdentifier>
        <primaryKeys>
          <entitlementId>Ent-upgrade</entitlementId>
        </primaryKeys>
      </parentEntitlementIdentifier>
      <createdLineItemData>
        <lineItemRecordRefNo>01</lineItemRecordRefNo>
        <parentLineItemIdentifier>
          <primaryKeys>
            <activationId>Ent-upgrade-1</activationId>
          </primaryKeys>
        </parentLineItemIdentifier>
        <newLineItem>
          <uniqueId>HID-220134</uniqueId>
          <activationId>Ent-upgrade-1UPGRADE</activationId>
        </newLineItem>
      </createdLineItemData>
    </entitlementData>
  </responseData>
</upgradeLicenseResponse>
```

Element: upsellLicenseRequest

Description

An **upsellLicenseRequest** message contains an element of EntitlementLifeCycleRequestType.

Derived By

Type EntitlementLifeCycleRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementData	entitlementLifeCycleDataType	0..*	Required. A **EntitlementLifecycleRequest** contains an array of **entitlementData** elements. See entitlementLifeCycleDataType.

Referenced By

Name	Type
upsellLicense	Method

XML Example

The following XML fragment illustrates an **upsellLicenseRequest** message:

```
<upsellLicenseRequest>
  <entitlementData>
    <lineItemData>
      <parentLineItemIdentifier>
        <primaryKeys>
          <activationId>Ent-upsell-1</activationId>
        </primaryKeys>
      </parentLineItemIdentifier>
      <lineItem>
        <activationId>
          <id>Ent-upsell-1UPSELL</id>
        </activationId>
        <product>
          <primaryKeys>
            <name>Premium Paint</name>
            <version>1.0</version>
          </primaryKeys>
        </product>
        <licenseModel>
          <primaryKeys>
            <name>Floating Counted</name>
          </primaryKeys>
        </licenseModel>
        <licenseModelAttributes>
          <attribute>
            <attributeName>SERIAL_NUMBER</attributeName>
            <stringValue>some thing</stringValue>
```

XML Example


```
            </attribute>
            <attribute>
              <attributeName>NOTICE</attributeName>
              <stringValue>test</stringValue>
            </attribute>
          </licenseModelAttributes>
          <orderId>110</orderId>
          <orderLineNumber>10</orderLineNumber>
          <startDate>2008-02-15</startDate>
          <isPermanent>true</isPermanent>
          <lineItemType>UPSELL</lineItemType>
        </lineItem>
        <isFull>true</isFull>
        <allowActivationsOnParent>true</allowActivationsOnParent>
        <autoDeploy>true</autoDeploy>
      <lineItemData>
    </entitlementData>
  </upsellLicenseRequest>
```

Element: upsellLicenseResponse

Description

An **upsellLicenseResponse** message contains an element of EntitlementLifeCycleResponseType.

Each entitlement in the **upsellLicenseRequest** is renewed as an atomic unit; upselling each either succeeds or fails.

Derived By

Type EntitlementLifeCycleResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedEntitlementLifeCycleDataListType</td><td>0..1</td><td>Information about the entitlements that were not upgraded is listed in the failedData element. See failedEntitlementLifeCycleDataListType.</td></tr>
<tr><td>responseData</td><td>createdEntitlementLifeCycleDataListType</td><td>0..1</td><td>Information about the entitlements that were upgraded is listed in the responseData element. See createdEntitlementLifeCycleDataListType.</td></tr>
</table>

Referenced By

Name	Type
upsellLicense	Method

XML Example

The following XML fragment illustrates a successful **upsellLicenseResponse** message:

```
<upsellLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <entitlementData>
      <entitlementRecordRefNo>01</entitlementRecordRefNo>
      <parentEntitlementIdentifier>
        <uniqueId>HID-220083</uniqueId>
        <primaryKeys>
          <entitlementId>Ent-upsell</entitlementId>
        </primaryKeys>
      </parentEntitlementIdentifier>
      <createdLineItemData>
        <lineItemRecordRefNo>01</lineItemRecordRefNo>
        <parentLineItemIdentifier>
          <primaryKeys>
            <activationId>Ent-upsell-1</activationId>
          </primaryKeys>
        </parentLineItemIdentifier>
         <newLineItem>
           <uniqueId>HID-220136</uniqueId>
           <activationId>Ent-upgrade-1UPSELL</activationId>
         </newLineItem>
      </createdLineItemData>
    </entitlementData>
  </responseData>
</upsellLicenseResponse>
```

LicenseService Web Service

Description

Web service to create, rehost, repair, return, query of license activations.

Introduction

The License web service allows you to generate and email certificate licenses, perform license lifecycle operations for certificate licenses, and generate short code activation responses for trusted activations.

Methods: LicenseService

Methods

Name	Description
activateShortCode	The **activateShortCode** operation generates one keyboard activation response. To use the License service to generate a short code response: • Short code ASRs must be created and associated with deployed bulk entitlements in the FlexNet Operations database. • Short code ASRs must be delivered to customers with an activation utility. • Bulk entitlement and/or a web register key must be delivered to customers. • If web register keys are going to be loaded dynamically into a bulk entitlement at fulfillment time, a FlexNet Operations configuration setting to load web register keys as part of activation for trusted bulk entitlements must be checked
consolidateFulfillments	The **consolidateFulfillments** operation creates one or more consolidated license certificates from a set of fulfillments. To use the License service to create consolidated certificate licenses, there must be fulfillments in the FlexNet Operations database.
createChildLineItemFulfillment	The **createChildLineItemFulfillment** operation generates licenses for one or more renewal, upgrade, or upsell line items. To generate a license for a child line item, there must be an existing RENEWAL, UPGRADE, or UPSELL activatable item.
createCVDFulfillments	The **createCVDFulfillments** method generates fulfillment records by tying together the following elements: • activation IDs • product counts • license hosts To use the License service to generate a CVD fulfillment record: • There must be deployed entitlements in the FlexNet Operations database. • You must provide any fulfillment-time data that is required by the specified license model. The resulting CVD fulfillments can then be consolidated by the **createCVDLicenseFile** operation to create a license file for a given host.
createCVDLicenseFile	The **createCVDLicenseFile** operation consolidates CVD fulfillments (generated by **createCVDFulfillment**) and features and generates a license file for a given license host. As input, it requires a license host or a set of custom host attributes. **Workflow**

Methods

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td></td><td>
The workflow of the createCVDLicenseFile operation usually comprises the following steps:

Get all fulfillment records for specified host.
Generate an unsigned license file for each fulfillment.
Consolidate features for the specified host. For features to be consolidated, all properties present in the INCREMENT lines (except for the signing encryption) must match. Identical feature INCREMENT lines will be merged and the fulfill count is accumulated, leaving only the unique INCREMET lines.
Sign the license file using lmcrypt (customized by producer, hosted by Revenera).
Group the fulfillments based on license generator.
Group the fulfillments based on license technology.
Output signed license file.

Prerequisites

A custom license technology of type Manual or Handsfree.
A custom license generator configuration that generates licenses for the custom license technology.
A license model for the license technology.

Custom License Generator Attributes
A set of custom license generator attributes:
<table>
<tr><th>Attribute Name</th><th>Type</th><th>Other Properties</th></tr>
<tr><td>LICENSE_TEMPLATE</td><td>Long Text</td><td>Display type: Text area</td></tr>
<tr><td>SERVER_LINE</td><td>Long Text</td><td>Display type: Text area</td></tr>
<tr><td>DEFAULT_SERVER_PORT</td><td>Number</td><td></td></tr>
<tr><td>VENDOR_NAME</td><td>Text</td><td>Text type: Freeform
Display type: Text field</td></tr>
</table>
Custom License Model Attributes
A set of custom license model attributes:
<table>
<tr><th>Attribute Name</th><th>Type</th><th>Other Properties</th></tr>
<tr><td>BORROW_HOURS</td><td>Number</td><td></td></tr>
<tr><td>SUPERSEDE</td><td>Boolean</td><td></td></tr>
</table>
</td></tr>
</table>

Methods

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td></td><td>
<table>
<tr><th>Attribute Name</th><th>Type</th><th>Other Properties</th></tr>
<tr><td>USER_BASED</td><td>Number</td><td></td></tr>
<tr><td>HOST_BASED</td><td>Number</td><td></td></tr>
<tr><td>DUP_GROUP</td><td>Long text</td><td>Display type: Text field</td></tr>
<tr><td>VENDOR_STRING</td><td>Long text</td><td>Display type: Text field</td></tr>
<tr><td>ISSUER</td><td>Long text</td><td>Display type: Text field</td></tr>
<tr><td>NOTICE</td><td>Long text</td><td>Display type: Text field</td></tr>
</table>
Custom Host Attributes
A set of custom host attributes:
<table>
<tr><th>Attribute Name</th><th>Type</th><th>Other Properties</th></tr>
<tr><td>HOSTID1</td><td>Text</td><td>Text type: Free form
Display type: Text field</td></tr>
<tr><td>HOSTNAME1</td><td>Text</td><td>Text type: Free form
Display type: Text field</td></tr>
<tr><td>HOSTID2</td><td>Text</td><td>Text type: Free form
Display type: Text field</td></tr>
<tr><td>HOSTNAME2</td><td>Text</td><td>Text type: Free form
Display type: Text field</td></tr>
<tr><td>HOSTID3</td><td>Text</td><td>Text type: Free form
Display type: Text field</td></tr>
<tr><td>HOSTNAME3</td><td>Text</td><td>Text type: Free form
Display type: Text field</td></tr>
<tr><td>HOST_ID_TYPE</td><td>Text</td><td>Text type: Free form or Single select
Display type: Text field</td></tr>
</table>
lmcrypt
If licenses are to be signed, the lmcrypt utility must have been customized and been made available to Revenera.
</td></tr>
<tr><td>createLicense</td><td>The createLicense operation generates one or more license certificates and corresponding fulfillment records. To use the License service to generate a certificate license:
• There must be deployed entitlements in the FlexNet Operations database.
• You must provide any fulfillment-time data that re required by the specified license model.</td></tr>
</table>

Methods

Name	Description
createLicensesAsBatch	The **createLicensesAsBatch** operation generates one or more license certificates and corresponding fulfillment records from a set of activatable items that use the same license model and fulfillment-time attributes. Hostids and counts can be defined for each activatable item. To use the License service to generate certificate licenses in a batch: • There must be test or deployed entitlements in the FlexNet Operations database that use the same license model. • You must provide any fulfillment-time data that are required by the specified license model. Hostids and count can be provided for each individual fulfillment, but other fulfillment-time data applies to all the fulfillments.
createLicensesAsBatchAndConsolidate	The **createLicensesAsBatchAndConsolidate** operation generates one or more consolidated license certificates and corresponding fulfillment records from a set of activatable items that use the same license model and fulfillment-time attributes. Hostids and counts can be defined for each activatable item. To use the License service to generate consolidated certificate licenses in batch: • There must be test or deployed entitlements in the FlexNet Operations database that use the same license model. • You must provide any fulfillment-time data that are required by the specified license model. Hostids and count can be provided for each individual fulfillment, but other fulfillment-time data applies to all the fulfillments.
deleteOnholdFulfillments	The **deleteOnholdFulfillments** operation takes one or more on-hold fulfillmentIDs and deletes them.
emailConsolidatedLicenses	The **emailConsolidatedLicenses** operation sends one or more consolidated licenses via email. To send a consolidated license as an email attachment using the License service: • Configure the from-address for the license email. See the *FlexNet Operations Installation Guide*. • Customize the consolidated license email templates, if necessary. See the *FlexNet Operations Producer Portal Help Guide*. • A consolidated license must exist in the database. • At least one email address must be provided.

Methods

Name	Description
emailLicense	The **emailLicense** operation sends a license certificate. To send a license certificate as an email attachment using the License service: • Configure the from-address for the license email. See the *FlexNet Operations Installation Guide*. • Customize the license email templates, if necessary. See the *FlexNet Operations Producer Portal Help Guide*. • A fulfillment ID for a generated license must exist in the database. • At least one email address must be provided.
emergencyLicense	The **emergencyLicense** operation generates an emergency nodelocked or served certificate license for one or more fulfillments. To generate an emergency license, there must be existing fulfillments in the database that are eligible for an emergency license, according to their license model policies.
getConsolidatedFulfillmentCount	The **getConsolidatedFulfillmentCount** operation returns the number of consolidated fulfillments that match specified criteria.
getConsolidatedFulfillmentsQuery	The **getConsolidatedFulfillmentsQuery** operation returns the consolidated fulfillments that match specified criteria.
getFulfillmentAttributesForBatchActivation	The **getFulfillmentAttributesForBatchActivation** operation returns all the license model or entitlement attributes for the specified activation IDs that must be specified at the time the licenses are generated
getFulfillmentAttributesFromModel	The **getFulfillmentAttributesFromModel** operation returns all the license model attributes for the specified model that must be specified at the time the license is generated.
getFulfillmentCount	The **getFulfillmentCount** operation returns the number of fulfillments that match specified criteria.
getFulfillmentHistory	The **getFulfillmentHistory** operation returns the history of a specified fulfillment.
getFulfillmentPropertiesQuery	The **getFulfillmentPropertiesQuery** operation returns the fulfillment details that match specified criteria. The response from getFulfillmentProperties is highly configurable. You can use it to select only the data you need in a given response.
getFulfillmentsQuery	The **getFulfillmentsQuery** operation returns the fulfillments that match specified criteria.
getHostAttributesFromLicenseTechnology	The **getHostAttributesFromLicenseTechnology** operation takes a custom license technology and gives host attributes for the given technology in the response data. It is used to create a custom host when generating a license.
getHostCount	This operation returns the number of hosts that match specified criteria. The following search criteria are available: **Host ID**, **Sold To**, **Account**, **License Technology**, and **Host Type**. This operation is equivalent to displaying the number of hosts that fit certain criteria by filtering hosts using the **Search for** field on the **Support Licenses and Maintenance** page in the FlexNet Operations Producer Portal. ***Tip***:*The returned number can be used as the batch size input for* getHostQuery.

Methods

Name	Description
getHostQuery	This operation extracts the same information as that available on the **Support Licenses and Maintenance** page in the FlexNet Operations Producer Portal user interface: **Host ID**, **Sold To**, **Account**, **License Technology**, and **Host Type**. In addition, producers can filter for hosts that have active or inactive fulfillments.
manualActivation	The **manualActivation** operation takes a single trusted activation XML request as a string and generates a single trusted activation XML response as a string.
manualRepair	The **manualRepair** operation generates one manual trusted activation repair response.
manualReturn	The **manualReturn** operation generates one trusted activation return response.
offlineFNPTrustedStorageActivation	The **offlineFNPTrustedStorageActivation** operation generates one or more fulfillment responses, based on the contents of the offline activation request, and returns output that can be stored as a file for subsequent processing on the machine that originated the request. The operation takes one or many activation IDs and an XML structure that contains information about the state of trusted storage on a single host machine. The operation output is an XML structure containing the fulfillment that must be saved to a file and processed on the host machine.
publisherErrorLicense	The **publisherErrorLicense** operation generates a publisher error nodelocked or served certificate license for one or more fulfillments. To generate a publisher error license, there must be existing fulfillments in the database that are eligible for a publisher error license, according to their license model policies.
rehostLicense	The **rehostLicense** operation modifies the hostids of one or more fulfillments. To rehost a license, there must be existing fulfillments in the database that are eligible to be rehosted, according to their license model policies.
renewFulfillment	The **renewFulfillment** operation generates renewal licenses for one or more fulfillments. To renew a fulfillment, there must be an existing RENEWAL entitlement line item for the product licensed by the parent fulfillment
repairLicense	The **repairLicense** operation modifies editable parameters in fulfillments other than hostids. To repair a license, there must be existing fulfillments in the database that are eligible to be repaired, according to their license model policies.
repairShortCode	The **repairShortCode** operation generates one short code repair response.
returnLicense	The **returnLicense** operation returns one or more fulfillments. To return a license, there must be existing fulfillments in the database that are eligible to be returned, according to their license model policies.
returnShortCode	The **returnShortCode** operation generates one short code return response.
setLicense	The **setLicense** operation sets the license text for one or more on-hold fulfillmentIDs for a manual custom license technology.
stopGapLicense	The **stopGapLicense** operation generates a stop-gap nodelocked or served certificate license for one or more fulfillments. To generate a stop-gap license, there must be existing fulfillments in the database that are eligible for a stop-gap license, according to their license model policies.

Methods

Name	Description
transferHost	The **transferHost** operation transfers active fulfillments from one or more hosts owned by one customer account to another customer account. When a host is transfered, line items that are the source of the fulfillments on that host are moved as well. The result of the move is to either create new entitlements for the target account or to pool the line items—incrementing the counts of the target account's existing (and matching) line items by the counts on the hosts' line items.
upgradeFulfillment	The **upgradeFulfillment** operation generates upgrade licenses for one or more fulfillments. To upgrade a fulfillment, there must be an existing UPGRADE entitlement line item for the product licensed by the parent fulfillment.
upsellFulfillment	The **upsellFulfillment** operation generates upsell licenses for one or more fulfillments. To upsell a fulfillment, there must be an existing UPSELL entitlement line item for the product licensed by the parent fulfillment.
verifyCreateLicense	The **verifyCreateLicense** operation checks whether licenses can be generated with the specified parameters, but does not generate fulfillment records. To use the License service to verify that licenses can be created: • There must be test or deployed entitlements in the FlexNet Operations database. • You must provide any fulfillment-time data that are required by the specified license model.

Method: activateShortCode

Description

The **activateShortCode** operation generates one keyboard activation response. To use the License service to generate a short code response:

- Short code ASRs must be created and associated with deployed bulk entitlements in the FlexNet Operations database.
- Short code ASRs must be delivered to customers with an activation utility.
- Bulk entitlement and/or a web register key must be delivered to customers.
- If web register keys are going to be loaded dynamically into a bulk entitlement at fulfillment time, a FlexNet Operations configuration setting to load web register keys as part of activation for trusted bulk entitlements must be checked

Parameters

Name	Type	Direction	Description
msgparameters	activateShortCodeRequestType	Input	

Returns

A activateShortCodeResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—The request was processed.
FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedShortCodeDataType</td><td>Information about a short code response that was not generated is listed in the failedData element. See failedShortCodeDataType.</td></tr>
<tr><td>responseData</td><td>createdShortCodeDataType</td><td>Information about an short code response that was generated is listed in the responseData element. responseData contains a shortCode short code response string. This response is delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Method: consolidateFulfillments

Description

The **consolidateFulfillments** operation creates one or more consolidated license certificates from a set of fulfillments. To use the License service to create consolidated certificate licenses, there must be fulfillments in the FlexNet Operations database.

Parameters

Name	Type	Direction	Description
msgparameters	consolidateFulfillmentsRequestType	Input	

Returns

A consolidateFulfillmentsResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	consolidatedResponseDataType	Information about the licenses that were generated is listed in the responseData element. See consolidatedResponseDataType.

Method: createChildLineItemFulfillment

Description

The **createChildLineItemFulfillment** operation generates licenses for one or more renewal, upgrade, or upsell line items. To generate a license for a child line item, there must be an existing RENEWAL, UPGRADE, or UPSELL activatable item.

Parameters

Name	Type	Direction	Description
msgparameters	createChildLineItemFulfillmentRequestType	Input	

Returns

A createChildLineItemFulfillmentResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>createdChildLIFmtResponseDataType</td><td>Information about the fulfillments that were created is listed in the responseData element. See createdChildLIFmtResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedChildLIFmtResponseDataType</td><td>Information about the fulfillments that were not returned is listed in the failedData element. See failedChildLIFmtResponseDataType.</td></tr>
</table>

Method: createCVDFulfillments

Description

The **createCVDFulfillments** method generates fulfillment records by tying together the following elements:

- activation IDs
- product counts
- license hosts

To use the License service to generate a CVD fulfillment record:

- There must be deployed entitlements in the FlexNet Operations database.
- You must provide any fulfillment-time data that is required by the specified license model.

The resulting CVD fulfillments can then be consolidated by the **createCVDLicenseFile** operation to create a license file for a given host.

Parameters

Name	Type	Direction	Description
msgparameters	createFulfillmentRequestType	Input	

Returns

A createCVDFulfillmentsResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFulfillmentDataListType</td><td>Information about the licenses that were not verified is listed in the failedData element. See failedFulfillmentDataListType.</td></tr>
<tr><td>responseData</td><td>createdFulfillmentDataListType</td><td>Information about the licenses that were verified is listed in the responseData element. See createdFulfillmentDataListType.</td></tr>
</table>

Method: createCVDLicenseFile

Description

The **createCVDLicenseFile** operation consolidates CVD fulfillments (generated by **createCVDFulfillment**) and features and generates a license file for a given license host. As input, it requires a license host or a set of custom host attributes.

Workflow

The workflow of the **createCVDLicenseFile** operation usually comprises the following steps:

1. Get all fulfillment records for specified host.
2. Generate an unsigned license file for each fulfillment.
3. Consolidate features for the specified host. For features to be consolidated, all properties present in the INCREMENT lines (except for the signing encryption) must match. Identical feature INCREMENT lines will be merged and the fulfill count is accumulated, leaving only the unique INCREMET lines.
4. Sign the license file using lmcrypt (customized by producer, hosted by Revenera).
5. Group the fulfillments based on license generator.
6. Group the fulfillments based on license technology.
7. Output signed license file.

Prerequisites

- A custom license technology of type Manual or Handsfree.
- A custom license generator configuration that generates licenses for the custom license technology.
- A license model for the license technology.

Custom License Generator Attributes

A set of custom license generator attributes:

Attribute Name	Type	Other Properties
LICENSE_TEMPLATE	Long Text	**Display type**: Text area
SERVER_LINE	Long Text	**Display type**: Text area
DEFAULT_SERVER_PORT	Number	
VENDOR_NAME	Text	**Text type**: Freeform **Display type**: Text field

Custom License Model Attributes

A set of custom license model attributes:

Attribute Name	Type	Other Properties
BORROW_HOURS	Number	

Description

Attribute Name	Type	Other Properties
SUPERSEDE	Boolean	
USER_BASED	Number	
HOST_BASED	Number	
DUP_GROUP	Long text	**Display type**: Text field
VENDOR_STRING	Long text	**Display type**: Text field
ISSUER	Long text	**Display type**: Text field
NOTICE	Long text	**Display type**: Text field

Custom Host Attributes

A set of custom host attributes:

Attribute Name	Type	Other Properties
HOSTID1	Text	**Text type**: Free form **Display type:** Text field
HOSTNAME1	Text	**Text type**: Free form **Display type:** Text field
HOSTID2	Text	**Text type**: Free form **Display type:** Text field
HOSTNAME2	Text	**Text type**: Free form **Display type:** Text field
HOSTID3	Text	**Text type**: Free form **Display type:** Text field
HOSTNAME3	Text	**Text type**: Free form **Display type:** Text field
HOST_ID_TYPE	Text	**Text type**: Free form or Single select **Display type:** Text field

lmcrypt

If licenses are to be signed, the **lmcrypt** utility must have been customized and been made available to Revenera.

Parameters

Name	Type	Direction	Description
msgparameters	createCVDLicenseFileRequestType	Input	

Returns

A createCVDLicenseFileResponse element having the structure defined by the following table.

Returns

Name	Type	Description
statusInfo	StatusInfoType	
responseData	CVDLicenseFileConsolidated ResponseDataType	

Method: createLicense

Description

The **createLicense** operation generates one or more license certificates and corresponding fulfillment records. To use the License service to generate a certificate license:

- There must be deployed entitlements in the FlexNet Operations database.
- You must provide any fulfillment-time data that re required by the specified license model.

Parameters

Name	Type	Direction	Description
msgparameters	createFulfillmentRequestType	Input	

Returns

A createLicenseResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFulfillmentDataListType</td><td>Information about the licenses that were not verified is listed in the failedData element. See failedFulfillmentDataListType.</td></tr>
</table>

Returns

Name	Type	Description
responseData	createdFulfillmentDataListType	Information about the licenses that were verified is listed in the **responseData** element. See createdFulfillmentDataListType.

Method: createLicensesAsBatch

Description

The **createLicensesAsBatch** operation generates one or more license certificates and corresponding fulfillment records from a set of activatable items that use the same license model and fulfillment-time attributes. Hostids and counts can be defined for each activatable item. To use the License service to generate certificate licenses in a batch:

- There must be test or deployed entitlements in the FlexNet Operations database that use the same license model.
- You must provide any fulfillment-time data that are required by the specified license model. Hostids and count can be provided for each individual fulfillment, but other fulfillment-time data applies to all the fulfillments.

Parameters

Name	Type	Direction	Description
msgparameters	createLicensesAsBatchRequestType	Input	

Returns

A createLicensesAsBatchResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Returns

Name	Type	Description
responseData	createLicensesAsBatchResponseDataType	Information about the licenses that were generated is listed in the responseData element. See createLicensesAsBatchResponseDataType.

Method: createLicensesAsBatchAndConsolidate

Description

The **createLicensesAsBatchAndConsolidate** operation generates one or more consolidated license certificates and corresponding fulfillment records from a set of activatable items that use the same license model and fulfillment-time attributes. Hostids and counts can be defined for each activatable item. To use the License service to generate consolidated certificate licenses in batch:

- There must be test or deployed entitlements in the FlexNet Operations database that use the same license model.
- You must provide any fulfillment-time data that are required by the specified license model. Hostids and count can be provided for each individual fulfillment, but other fulfillment-time data applies to all the fulfillments.

Parameters

Name	Type	Direction	Description
msgparameters	createLicensesAsBatchRequestType	Input	

Returns

A createLicensesAsBatchAndConsolidateResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Returns

Name	Type	Description
responseData	consolidatedResponseDataType	Information about the licenses that were generated is listed in the responseData element. See consolidatedResponseDataType.

Method: deleteOnholdFulfillments

Description

The **deleteOnholdFulfillments** operation takes one or more on-hold fulfillmentIDs and deletes them.

Parameters

Name	Type	Direction	Description
msgparameters	deleteOnholdFulfillmentsRequestType	Input	

Returns

A deleteOnholdFulfillmentsResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedOnholdFulfillmentListType</td><td>See failedOnholdFulfillmentListType.</td></tr>
</table>

Method: emailConsolidatedLicenses

Description

The **emailConsolidatedLicenses** operation sends one or more consolidated licenses via email. To send a consolidated license as an email attachment using the License service:

- Configure the from-address for the license email. See the *FlexNet Operations Installation Guide*.
- Customize the consolidated license email templates, if necessary. See the *FlexNet Operations Producer Portal Help Guide*.
- A consolidated license must exist in the database.
- At least one email address must be provided.

Parameters

Name	Type	Direction	Description
msgparameters	emailConsolidatedLicensesRequestType	Input	

Returns

A emailConsolidatedLicensesResponse element having the structure defined by the following table.

Returns

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Method: emailLicense

Description

The **emailLicense** operation sends a license certificate. To send a license certificate as an email attachment using the License service:

- Configure the from-address for the license email. See the *FlexNet Operations Installation Guide*.
- Customize the license email templates, if necessary. See the *FlexNet Operations Producer Portal Help Guide*.
- A fulfillment ID for a generated license must exist in the database.
- At least one email address must be provided.

Parameters

Name	Type	Direction	Description
msgparameters	emailLicenseRequestType	Input	

Returns

A emailLicenseResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Method: emergencyLicense

Description

The **emergencyLicense** operation generates an emergency nodelocked or served certificate license for one or more fulfillments. To generate an emergency license, there must be existing fulfillments in the database that are eligible for an emergency license, according to their license model policies.

Parameters

Name	Type	Direction	Description
msgparameters	emergencyFulfillmentRequestType	Input	

Returns

A emergencyLicenseResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>emergencyResponseDataType</td><td>See emergencyResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedEmergencyResponselistDataType</td><td>See failedEmergencyResponselistDataType.</td></tr>
</table>

Method: getConsolidatedFulfillmentCount

Description

The **getConsolidatedFulfillmentCount** operation returns the number of consolidated fulfillments that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getConsolidatedFulfillmentCountRequestType	Input	

Returns

A getConsolidatedFulfillmentCountResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getConsolidatedFulfillmentCountResponseDataType	Contains an integer **count** element.

Method: getConsolidatedFulfillmentsQuery

Description

The **getConsolidatedFulfillmentsQuery** operation returns the consolidated fulfillments that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getConsolidatedFulfillmentsQueryRequestType	Input	

Returns

A getConsolidatedFulfillmentsQueryResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Types</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getConsolidatedFulfillmentsQueryResponseDataType</td><td>See getConsolidatedFulfillmentsQueryResponseDataType.</td></tr>
</table>

Method: getFulfillmentAttributesForBatchActivation

Description

The **getFulfillmentAttributesForBatchActivation** operation returns all the license model or entitlement attributes for the specified activation IDs that must be specified at the time the licenses are generated

Parameters

Name	Type	Direction	Description
msgparameters	getFmtAttributesForBatchActivationRequestType	Input	

Returns

A getFmtAttributesForBatchActivationResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFmtAttributesForBatchDataType</td><td>A list of license model attributes that are set at fulfillment time are contained in the responseData element. See getFmtAttributesForBatchDataType.</td></tr>
</table>

Method: getFulfillmentAttributesFromModel

Description

The **getFulfillmentAttributesFromModel** operation returns all the license model attributes for the specified model that must be specified at the time the license is generated.

Parameters

Name	Type	Direction	Description
msgparameters	getFulfillmentAttributesRequestType	Input	

Returns

A getFulfillmentAttributesResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFulfillmentAttributesDataType</td><td>A list of license model attributes that are set at fulfillment time are contained in the responseData element. See getFulfillmentAttributesDataType.</td></tr>
</table>

Method: getFulfillmentCount

Description

The **getFulfillmentCount** operation returns the number of fulfillments that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getFulfillmentCountRequestType	Input	

Returns

A getFulfillmentCountResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFulfillmentCountResponseDataType</td><td>Contains an integer count element.</td></tr>
</table>

Method: getFulfillmentHistory

Description

The **getFulfillmentHistory** operation returns the history of a specified fulfillment.

Parameters

Name	Type	Direction	Description
msgparameters	getFulfillmentHistoryRequestType	Input	

Returns

A getFulfillmentHistoryResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>fulfillmentHistoryDataType</td><td>See fulfillmentHistoryDataType.</td></tr>
</table>

Method: getFulfillmentPropertiesQuery

Description

The **getFulfillmentPropertiesQuery** operation returns the fulfillment details that match specified criteria.

The response from getFulfillmentProperties is highly configurable. You can use it to select only the data you need in a given response.

Parameters

Name	Type	Direction	Description
msgparameters	getFulfillmentPropertiesRequestType	Input	

Returns

A getFulfillmentPropertiesResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>fulfillment</td><td>fulfillmentPropertiesType</td><td>See fulfillmentPropertiesType.</td></tr>
</table>

Method: getFulfillmentsQuery

Description

The **getFulfillmentsQuery** operation returns the fulfillments that match specified criteria.

Parameters

Name	Type	Direction	Description
msgparameters	getFulfillmentsQueryRequestType	Input	

Returns

A getFulfillmentsQueryResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getFulfillmentsQueryResponseDataType	See getFulfillmentsQueryResponseDataType.

Method: getHostAttributesFromLicenseTechnology

Description

The **getHostAttributesFromLicenseTechnology** operation takes a custom license technology and gives host attributes for the given technology in the response data. It is used to create a custom host when generating a license.

Parameters

Name	Type	Direction	Description
msgparameters	getHostAttributesRequestType	Input	

Returns

A getHostAttributesResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getHostAttributesDataType</td><td>See getHostAttributesDataType.</td></tr>
</table>

Method: getHostCount

Description

This operation returns the number of hosts that match specified criteria. The following search criteria are available: **Host ID**, **Sold To**, **Account**, **License Technology**, and **Host Type**.

This operation is equivalent to displaying the number of hosts that fit certain criteria by filtering hosts using the **Search for** field on the **Support Licenses and Maintenance** page in the FlexNet Operations Producer Portal.

***Tip**:The returned number can be used as the batch size input for* getHostQuery.

Parameters

Name	Type	Direction	Description
msgparameters	getHostCountRequestType	Input	

Returns

A getHostCountResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all, items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed. A string will give the reason for a failure or partial failure.
responseData	getHostCountResponseDataType	Contains an integer count element.

Method: getHostQuery

Description

This operation extracts the same information as that available on the **Support Licenses and Maintenance** page in the FlexNet Operations Producer Portal user interface: **Host ID**, **Sold To**, **Account**, **License Technology**, and **Host Type**. In addition, producers can filter for hosts that have active or inactive fulfillments.

Parameters

Name	Type	Direction	Description
msgparameters	getHostQueryRequestType	Input	

Returns

A getHostQueryResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all, items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed. A string will give the reason for a failure or partial failure.
responseData	getHostQueryResponseDataType	See getHostQueryResponseDataType.

Method: manualActivation

Description

The **manualActivation** operation takes a single trusted activation XML request as a string and generates a single trusted activation XML response as a string.

Parameters

Name	Type	Direction	Description
msgparameters	trustedRequestType	Input	

Returns

A manualActivationResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—The request was processed.
FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>activationDataType</td><td>If the request was processed successfully, responseData contains an XML response string in an activationData element. This response is saved in a file and delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Method: manualRepair

Description

The **manualRepair** operation generates one manual trusted activation repair response.

Parameters

Name	Type	Direction	Description
msgparameters	trustedRequestType	Input	

Returns

A manualRepairResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—The request was processed. • FAILURE—The request was not processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason if failure.</td></tr></table>
responseData	activationDataType	If the request was processed successfully, **responseData** contains an XML response string in an **activationData** element. This response is saved in a file and delivered back to the customer to enter into an activation utility.

Method: manualReturn

Description

The **manualReturn** operation generates one trusted activation return response.

Parameters

Name	Type	Direction	Description
msgparameters	trustedRequestType	Input	

Returns

A manualReturnResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—The request was processed.
FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>activationDataType</td><td>If the request was processed successfully, responseData contains an XML response string in an activationData element. This response is saved in a file and delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Method: offlineFNPTrustedStorageActivation

Description

The **offlineFNPTrustedStorageActivation** operation generates one or more fulfillment responses, based on the contents of the offline activation request, and returns output that can be stored as a file for subsequent processing on the machine that originated the request. The operation takes one or many activation IDs and an XML structure that contains information about the state of trusted storage on a single host machine. The operation output is an XML structure containing the fulfillment that must be saved to a file and processed on the host machine.

Parameters

Name	Type	Direction	Description
msgparameters	activateLicensesRequestType	Input	

Returns

A activateLicensesResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—The request was processed. • FAILURE—The request was not processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason if failure.</td></tr></table>
failedData	failedLineItem	Information about an entitlement line item that failed to activate in the **failedData** element. failedLineItem contains a single activationID element as a string.
resultData	string	The XML response to be saved as a fulfillment response file.

Method: publisherErrorLicense

Description

The **publisherErrorLicense** operation generates a publisher error nodelocked or served certificate license for one or more fulfillments. To generate a publisher error license, there must be existing fulfillments in the database that are eligible for a publisher error license, according to their license model policies.

Parameters

Name	Type	Direction	Description
msgparameters	publisherErrorFulfillmentRequestType	Input	

Returns

A publisherErrorLicenseResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>publisherErrorResponseDataType</td><td>See publisherErrorResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedPublisherErrorResponselistDataType</td><td>See failedPublisherErrorResponselistDataType.</td></tr>
</table>

Method: rehostLicense

Description

The **rehostLicense** operation modifies the hostids of one or more fulfillments. To rehost a license, there must be existing fulfillments in the database that are eligible to be rehosted, according to their license model policies.

Parameters

Name	Type	Direction	Description
msgparameters	rehostFulfillmentRequestType	Input	

Returns

A rehostLicenseResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>rehostResponseDataType</td><td>Information about the fulfillments that were rehosted is listed in the responseData element. See rehostResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedRehostResponselistDataType</td><td>Information about the fulfillments that were not rehosted is listed in the failedData element. See failedRehostResponselistDataType.</td></tr>
</table>

Method: renewFulfillment

Description

The **renewFulfillment** operation generates renewal licenses for one or more fulfillments. To renew a fulfillment, there must be an existing RENEWAL entitlement line item for the product licensed by the parent fulfillment

Parameters

Name	Type	Direction	Description
msgparameters	advancedFulfillmentLCRequestType	Input	

Returns

A renewFulfillmentResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	advancedFmtLCResponseDataListType	Information about the fulfillments that were created is listed in the **responseData** element. See advancedFmtLCResponseDataListType.
failedData	failedAdvancedFmtLCResponseDataType	Information about the fulfillments that were not created is listed in the **failedData** element. See failedAdvancedFmtLCResponseDataType.

Method: repairLicense

Description

The **repairLicense** operation modifies editable parameters in fulfillments other than hostids. To repair a license, there must be existing fulfillments in the database that are eligible to be repaired, according to their license model policies.

Parameters

Name	Type	Direction	Description
msgparameters	repairFulfillmentRequestType	Input	

Returns

A repairLicenseResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>repairResponseDataType</td><td>Information about the fulfillments that were repaired is listed in the responseData element. See repairResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedRepairResponselistDataType</td><td>Information about the fulfillments that were not repaired is listed in the failedData element. See failedRepairResponselistDataType.</td></tr>
</table>

Method: repairShortCode

Description

The **repairShortCode** operation generates one short code repair response.

Parameters

Name	Type	Direction	Description
msgparameters	repairShortCodeRequestType	Input	

Returns

A repairShortCodeResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—The request was processed. • FAILURE—The request was not processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason if failure.</td></tr></table>
failedData	failedRepairShortCodeDataType	Information about a short code repair response that was not generated is listed in the failedData element. See failedRepairShortCodeDataType.
responseData	repairedShortCodeDataType	Information about a short code repair response that was generated is listed in the **responseData** element. **responseData** contains a **shortCode** repair response string. This response is delivered back to the customer to enter into an activation utility.

Method: returnLicense

Description

The **returnLicense** operation returns one or more fulfillments. To return a license, there must be existing fulfillments in the database that are eligible to be returned, according to their license model policies.

Parameters

Name	Type	Direction	Description
msgparameters	returnFulfillmentRequestType	Input	

Returns

A returnLicenseResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>returnResponseDataType</td><td>Information about the fulfillments that were returned is listed in the responseData element. For returnLicense, this data is only populated in the case of a partial return, not a successful one. See returnResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedReturnResponselistDataType</td><td>Information about the fulfillments that were not returned is listed in the failedData element. See failedReturnResponselistDataType.</td></tr>
</table>

Method: returnShortCode

Description

The **returnShortCode** operation generates one short code return response.

Parameters

Name	Type	Direction	Description
msgparameters	returnShortCodeRequestType	Input	

Returns

A returnShortCodeResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—The request was processed.
FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedReturnShortCodeDataType</td><td>Information about a short code return response that was not generated is listed in the failedData element. See failedReturnShortCodeDataType.</td></tr>
<tr><td>responseData</td><td>returnedShortCodeDataType</td><td>Information about a short code return response that was generated is listed in the responseData element. responseData contains a shortCode return response string. This response is delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Method: setLicense

Description

The **setLicense** operation sets the license text for one or more on-hold fulfillmentIDs for a manual custom license technology.

Parameters

Name	Type	Direction	Description
msgparameters	setLicenseRequestType	Input	

Returns

A setLicenseResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedSetLicenseOnholdFulfillmentListType</td><td>Populated if setting the license failed. See failedSetLicenseOnholdFulfillmentListType.</td></tr>
</table>

Method: stopGapLicense

Description

The **stopGapLicense** operation generates a stop-gap nodelocked or served certificate license for one or more fulfillments. To generate a stop-gap license, there must be existing fulfillments in the database that are eligible for a stop-gap license, according to their license model policies.

Parameters

Name	Type	Direction	Description
msgparameters	stopGapFulfillmentRequestType	Input	

Returns

A stopGapLicenseResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th></th><th></th><th></th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	stopGapResponseDataType	See stopGapResponseDataType.
failedData	failedStopGapResponselistDataType	See failedStopGapResponselistDataType.

Method: transferHost

Description

The **transferHost** operation transfers active fulfillments from one or more hosts owned by one customer account to another customer account. When a host is transfered, line items that are the source of the fulfillments on that host are moved as well. The result of the move is to either create new entitlements for the target account or to pool the line items—incrementing the counts of the target account's existing (and matching) line items by the counts on the hosts' line items.

Parameters

Name	Type	Direction	Description
msgparameters	transferHostRequestType	Input	

Returns

A transferHostResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedTransferHostListDataType	Information about the line items that were not added is listed in the **failedData** element. See failedTransferHostListDataType.

Method: upgradeFulfillment

Description

The **upgradeFulfillment** operation generates upgrade licenses for one or more fulfillments. To upgrade a fulfillment, there must be an existing UPGRADE entitlement line item for the product licensed by the parent fulfillment.

Parameters

Name	Type	Direction	Description
msgparameters	advancedFulfillmentLCRequestType	Input	

Returns

A upgradeFulfillmentResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	advancedFmtLCResponseDataListType	Information about the fulfillments that were created is listed in the **responseData** element. See advancedFmtLCResponseDataListType.
failedData	failedAdvancedFmtLCResponseDataType	Information about the fulfillments that were not created is listed in the **failedData** element. See failedAdvancedFmtLCResponseDataType.

Method: upsellFulfillment

Description

The **upsellFulfillment** operation generates upsell licenses for one or more fulfillments. To upsell a fulfillment, there must be an existing UPSELL entitlement line item for the product licensed by the parent fulfillment.

Parameters

Name	Type	Direction	Description
msgparameters	advancedFulfillmentLCRequestType	Input	

Returns

A upsellFulfillmentResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	advancedFmtLCResponseDataListType	Information about the fulfillments that were created is listed in the **responseData** element. See advancedFmtLCResponseDataListType.
failedData	failedAdvancedFmtLCResponseDataType	Information about the fulfillments that were not created is listed in the **failedData** element. See failedAdvancedFmtLCResponseDataType.

Method: verifyCreateLicense

Description

The **verifyCreateLicense** operation checks whether licenses can be generated with the specified parameters, but does not generate fulfillment records. To use the License service to verify that licenses can be created:

- There must be test or deployed entitlements in the FlexNet Operations database.
- You must provide any fulfillment-time data that are required by the specified license model.

Parameters

Name	Type	Direction	Description
msgparameters	createFulfillmentRequestType	Input	

Returns

A verifyCreateLicenseResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFulfillmentDataListType</td><td>Information about the licenses that were not verified is listed in the failedData element. See failedFulfillmentDataListType.</td></tr>
</table>

Returns

Name	Type	Description
responseData	createdFulfillmentDataListType	Information about the licenses that were verified is listed in the **responseData** element. See createdFulfillmentDataListType.

Complex Types: LicenseService

Complex Types

Name
accountIdentifierType
accountPKType
accountTypeList
activateLicensesRequestType
activateLicensesResponseType
activateShortCodeRequestType
activateShortCodeResponseType
activationDataType
activationIdOverDraftMapType
activationIdsListType
addressDataType
advancedFmtLCResponseDataListType
advancedFmtLCResponseDataType
advancedFulfillmentLCDataType
advancedFulfillmentLCInfoType
advancedFulfillmentLCListType
advancedFulfillmentLCRequestType
advancedFulfillmentLCResponseType
attributeDescriptorDataType
attributeDescriptorType
attributeMetaDescriptorDataType
attributeMetaDescriptorType
commonBatchDataSetType
consolidatedFulfillmentsQPType
consolidatedHostLicenseDataType
consolidatedLicenseDataType
consolidatedLicenseIdListType
consolidatedResponseDataType
consolidateFulfillmentsRequestType
consolidateFulfillmentsResponseType
correlationDataType
countDataSetType
countDataType
countForHostsType

Complex Types

Name
createChildLineItemFulfillmentDataType
createChildLineItemFulfillmentRequestType
createChildLineItemFulfillmentResponseType
createCVDLicenseFileRequestType
createCVDLicenseFileResponseType
createdChildLIFmtResponseDataType
createdChildLIFulfillmentDataType
createdChildLIFulfillmentInfoType
createdFulfillmentDataListType
createdFulfillmentDataType
createdShortCodeDataType
createFulfillmentDataType
createFulfillmentRequestType
createFulfillmentResponseType
createLicensesAsBatchRequestType
createLicensesAsBatchResponseDataType
createLicensesAsBatchResponseType
createShortCodeDataType
customAttributeQueryType
customAttributesQueryListType
CustomHostIDType
CVDLicenseFileConsolidatedLicenseDataType
CVDLicenseFileConsolidatedResponseDataType
CVDLicenseFileQueryParametersType
CVDLicenseGeneratorType
deleteOnholdFulfillmentsRequestType
deleteOnholdFulfillmentsResponseType
Dictionary
DictionaryEntriesCollection
DictionaryEntry
duplicateFulfillmentRecordListDataType
DurationType
emailConsolidatedLicensesRequestType
emailConsolidatedLicensesResponseType
emailContactListType

Complex Types

Name
emailLicenseRequestType
emailLicenseResponseType
emergencyFulfillmentDataType
emergencyFulfillmentRequestType
emergencyFulfillmentResponseDataType
emergencyFulfillmentResponseType
emergencyResponseDataType
entitledProductDataListType
entitledProductDataType
entitlementIdentifierType
entitlementLineItemIdentifierType
entitlementLineItemPKType
entitlementPKType
failedAdvancedFmtLCDataType
failedAdvancedFmtLCResponseDataType
failedChildLIFmtResponseDataType
failedChildLIFulfillmentDataType
failedEmergencyResponseDataType
failedEmergencyResponselistDataType
failedFulfillmentDataListType
failedFulfillmentDataType
failedLineItem
failedOnholdFulfillmentDataType
failedOnholdFulfillmentListType
failedPublisherErrorResponseDataType
failedPublisherErrorResponselistDataType
failedRehostResponseDataType
failedRehostResponselistDataType
failedRepairResponseDataType
failedRepairResponselistDataType
failedRepairShortCodeDataType
failedReturnResponseDataType
failedReturnResponselistDataType
failedReturnShortCodeDataType
failedSetLicenseOnholdFulfillmentDataType

Complex Types

Name
failedSetLicenseOnholdFulfillmentListType
failedShortCodeDataType
failedStopGapResponseDataType
failedStopGapResponselistDataType
failedTransferHostDataType
failedTransferHostListDataType
featureBundleIdentifierType
featureBundlePKType
featureIdentifierType
featurePKType
fulfillmentDataType
fulfillmentHistoryDataType
fulfillmentHistoryDetailsType
fulfillmentHistoryRecordType
fulfillmentIdentifierListType
fulfillmentIdentifierType
fulfillmentIdListType
fulfillmentPKType
fulfillmentPropertiesType
fulfillmentResponseConfigRequestType
fulfillmentsQueryParametersType
fulfillmentStateQueryType
getConsolidatedFulfillmentCountRequestType
getConsolidatedFulfillmentCountResponseType
getConsolidatedFulfillmentsQueryRequestType
getConsolidatedFulfillmentsQueryResponseDataType
getConsolidatedFulfillmentsQueryResponseType
getCountResponseDataType
getFmtAttributesForBatchActivationRequestType
getFmtAttributesForBatchActivationResponseType
getFmtAttributesForBatchDataType
getFulfillmentAttributesDataType
getFulfillmentAttributesRequestType
getFulfillmentAttributesResponseType
getFulfillmentCountRequestType

Complex Types

Name
getFulfillmentCountResponseType
getFulfillmentHistoryRequestType
getFulfillmentHistoryResponseType
getFulfillmentPropertiesRequestType
getFulfillmentPropertiesResponseType
getFulfillmentsQueryRequestType
getFulfillmentsQueryResponseDataType
getFulfillmentsQueryResponseType
getHostAttributesDataType
getHostAttributesRequestType
getHostAttributesResponseType
getHostCountRequestType
getHostCountResponseDataType
getHostCountResponseType
getHostQueryRequestType
getHostQueryResponseDataType
getHostQueryResponseType
hostDataType
hostIdDataDetailsType
hostIdDataSetType
hostIdDataType
hostIdDetailsType
hostQueryParametersType
hostTypePKType
licenseFileDataListType
licenseFileDataType
licenseGeneratorIdentifierType
licenseGeneratorPKType
licenseModelIdentifierType
licenseModelPKType
licenseTechnologyIdentifierType
licenseTechnologyPKType
maintenanceIdentifierType
maintenancePKType
NodeIDsType

Complex Types

Name
onHoldFmtLicenseDataType
onholdFulfillmentListType
overDraftDataListType
partNumberIdentifierType
partNumberIdentifierWithModelType
partNumberPKType
productIdentifierType
productIdentifierWithCountDataType
productPKType
publisherAttributesListDataType
publisherErrorFulfillmentDataType
publisherErrorFulfillmentRequestType
publisherErrorFulfillmentResponseDataType
publisherErrorFulfillmentResponseType
publisherErrorResponseDataType
rehostFulfillmentDataType
rehostFulfillmentRequestType
rehostFulfillmentResponseDataType
rehostFulfillmentResponseType
rehostResponseDataType
repairedShortCodeDataType
repairFulfillmentDataType
repairFulfillmentRequestType
repairFulfillmentResponseDataType
repairFulfillmentResponseType
repairResponseDataType
repairShortCodeDataType
repairShortCodeRequestType
repairShortCodeResponseType
returnedShortCodeDataType
returnFulfillmentDataType
returnFulfillmentRequestType
returnFulfillmentResponseDataType
returnFulfillmentResponseType
returnResponseDataType

Complex Types

Name
returnShortCodeDataType
returnShortCodeRequestType
returnShortCodeResponseType
roleIdentifierType
rolePKType
ServerIDsType
setLicenseRequestType
setLicenseResponseType
stopGapFulfillmentDataType
stopGapFulfillmentRequestType
stopGapFulfillmentResponseDataType
stopGapFulfillmentResponseType
stopGapResponseDataType
suiteIdentifierType
suitePKType
transferHostIdDataType
transferHostList
transferHostRequestType
transferHostResponseType
trustedKeyIdentifierType
trustedKeyPKType
trustedRequestType
trustedResponseType
typeLineItem
updateEntitledProductDataListType
userIdentifierType
userPKType
valueType
verifiedFulfillmentDataType
versionDateAttributesType
VersionFormatQueryType

Complex Type: accountIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database ID of the account.
primaryKeys	accountPKType	0..1	See accountPKType.

Complex Type: accountPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	1..1	

Complex Type: accountTypeList

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountType	accountType	1..*	

Complex Type: activateLicensesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItem	typeLineItem	1..*	Required. See typeLineItem.
shipToEmail	string	0..1	Optional. Email address for a contact in the sold-to account where licenses are shipped. You can provide a different email address from any already set in the entitlement.
shipToAddress	string	0..1	Optional. Postal address for the sold-to account. May already be set in the entitlement.
soldTo	string	0..1	Optional. Provide a sold-to account for the license if one is required. If specified for a web register key, soldTo sets the end customer account in the entitlement that is created.
owner	string	0..1	Optional. Specifies the end customer contact. If specified for a web register key, owner sets the end customer contact in the entitlement that is created.
hostInfo	string	1..1	Required. An XML structure that is generated by an empty **–new** request from a v2 activation utility on the machine where the trusted fulfillment will be applied. For successful response processing, hostInfo must reflect the state of trusted storage on the host machine at the time the response is applied.

Referenced By

Name	Type
activateLicensesRequest	Element
offlineFNPTrustedStorageActivation	Method

Complex Type: activateLicensesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—The request was processed. • FAILURE—The request was not processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason if failure.</td></tr></table>
failedData	failedLineItem	0..1	Information about an entitlement line item that failed to activate in the **failedData** element. failedLineItem contains a single activationID element as a string.
resultData	string	0..1	The XML response to be saved as a fulfillment response file.

Referenced By

Name	Type
activateLicensesResponse	Element

Complex Type: activateShortCodeRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCodeData	createShortCodeDataType	0..1	Required. An **activateShortCodeRequest** contains a single **shortCodeData** element. See createShortCodeDataType.

Referenced By

Name	Type
activateShortCodeRequest	Element
activateShortCode	Method

Complex Type: activateShortCodeResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—The request was processed. • FAILURE—The request was not processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason if failure.</td></tr></table>
failedData	failedShortCodeDataType	0..1	Information about a short code response that was not generated is listed in the failedData element. See failedShortCodeDataType.
responseData	createdShortCodeDataType	0..1	Information about an short code response that was generated is listed in the **responseData** element. **responseData** contains a **shortCode** short code response string. This response is delivered back to the customer to enter into an activation utility.

Referenced By

Name	Type
activateShortCodeResponse	Element

Complex Type: activationDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationData	string	1..1	Activation XML request. The XML request must be read from a file generated by an activation utility and passed in the web service request as a string.

Complex Type: activationIdOverDraftMapType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	String containing the activation ID of the activatable item.
overDraftAllowed	boolean	1..1	Indicates whether overdraft count is allowed to be specified for this activatable item.

Complex Type: activationIdsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..*	**activationIds** contains one or more **activationId** elements.

Complex Type: addressDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
address1	string	0..1	First line of address.
address2	string	0..1	Second line of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Country, in two-letter ISO-3166 code. If not provided, defaults to US.
region	string	0..1	Address region.

Complex Type: advancedFmtLCResponseDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	advancedFmtLCResponseDataType	1..*	**responseData** contains one or more **fulfillment** elements. See advancedFmtLCResponseDataType.

Complex Type: advancedFmtLCResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	integer	1..1	Index of the fulfillment in the request, starting at 1 (integer).
upgradedFulfillmentInfo	advancedFulfillmentLCInfoType	1..*	Fulfillment record of type advancedFulfillmentLCInfoType. See advancedFulfillmentLCInfoType.

Complex Type: advancedFulfillmentLCDataType

Description

This data type is used in the renewFulfillment, upgradeFulfillment, and upsellFulfillment operations, and the descriptions reflect its multiple uses.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentId	string	1..1	Required. The fulfillment ID of the fulfillment to renew (upgrade, upsell).
childActivationId	string	0..1	Required to identify the child line item to activate if the fulfillment has more than one RENEWAL (UPGRADE, UPSELL) child line item. Not needed if the fulfillment has exactly one RENEWAL (UPGRADE, UPSELL) child line item.
fulfillCount	integer	0..1	The seat count of the renewed (upgraded, upsold) fulfillment.
startDate	date	0..1	Required if not already set in the entitlement line item.
versionDate	date	0..1	If any of the features in the product use date-based versions and **versionDateAttributes** is set to DEFINE_VERSION_DATE_LATER in the entitlement, set **versionDate** in this request. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionStartDate	date	0..1	If any of the features in the product use date-based versions and **versionDateAttributes** is set to DEFINE_VERSION_STARTDATE_LATER with a version date duration in the entitlement, set **versionStartDate** in this request. In a license, the version date is calculated and converted into the **Version Date Format** that is specified in the system configuration.
soldTo	string	0..1	Optional. Provide a sold-to account for the license, for example, during the activation of a web register key. If not provided, the sold-to of the activation defaults to the sold-to of the entitlement.
shipToEmail	string	0..1	Optional. Email address for a contact in the sold-to acount where license certificates are shipped. You can provide a different email address from any already set in the entitlement.
shipToAddress	string	0..1	Optional. Postal address for the sold-to account. May already be set in the entitlement.

Content Model

Component	Type	Occurs	Description
serverHost	ServerIDsType	0..1	Provide one or three license server machine hostids if a server hostid is required by the license model and the required hostids are not already defined in the parent fulfillment. See ServerIDsType.
nodeLockHost	string	0..1	Provide one node-locked hostid if the license model is a node-locked uncounted model and the required hostids are not already defined in the parent fulfillment.
countedNodeLockHostIds	NodeIDsType	0..1	Provide one or more node-locked hostids if the license model is a node-locked counted model and the required hostids are not already defined in the parent fulfillment. See NodeIDsType.
customHost	CustomHostIDType	0..1	Optional. See CustomHostIDType.
licenseModelAttributes	attributeDescriptorDataType	0..1	Any fulfillment-time attributes must be set before verifying that the license can be generated. See attributeDescriptorDataType.
overridePolicy	boolean	0..1	Optional. Whether to override the policy for extra activations or hostids for this fulfillment.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).

Complex Type: advancedFulfillmentLCInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	1..1	Unique database identifier of the fulfillment.
fulfillmentId	string	1..1	Fulfillment ID of the fulfillment record created when this license was generated.
licenseText	string	0..1	Text of license certificate. Deprecated in favor of licenseFiles element; included for backwards compatibility.
binaryLicense	base64Binary	0..1	If the license file type is binary, provide the binary license. Deprecated in favor of licenseFiles element; included for backwards compatibility.
licenseFiles	licenseFileDataListType	0..1	Contains one or more licenseFile elements that contain the license file definition name and the contents of the license file, as text or binary. See licenseFileDataListType.

Complex Type: advancedFulfillmentLCListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	advancedFulfillmentLCDataType	1..*	Required. A **fulfillmentList** contains an array of **fulfillment** elements. See advancedFulfillmentLCDataType.

Complex Type: advancedFulfillmentLCRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentList	advancedFulfillmentLCListType	1..1	Required. An **renewFulfillmentRequest** contains an array of **fulfillmentList** elements. See advancedFulfillmentLCListType.

Referenced By

Name	Type
renewFulfillmentRequest	Element
upgradeFulfillmentRequest	Element
upsellFulfillmentRequest	Element
renewFulfillment	Method
upgradeFulfillment	Method
upsellFulfillment	Method

Complex Type: advancedFulfillmentLCResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	advancedFmtLCResponseDataListType	0..1	Information about the fulfillments that were created is listed in the **responseData** element. See advancedFmtLCResponseDataListType.
failedData	failedAdvancedFmtLCResponseDataType	0..1	Information about the fulfillments that were not created is listed in the **failedData** element. See failedAdvancedFmtLCResponseDataType.

Referenced By

Name	Type
renewFulfillmentResponse	Element

Referenced By

Name	Type
upgradeFulfillmentResponse	Element
upsellFulfillmentResponse	Element

Complex Type: attributeDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** one attribute value. See attributeDescriptorType.

Complex Type: attributeDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the attribute.
CHOICE		1..1	
arrayValue	string	0..*	Array of string values of the attribute.
booleanValue	boolean	0..1	Boolean value of the attribute.
dateValue	date	0..1	Date value of the attribute.
integerValue	integer	0..1	Integer value of the attribute.
stringValue	string	0..1	String value of the attribute.

Complex Type: attributeMetaDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeMetaDescriptorType	0..*	**fulfillmentAttributes** contains one or more **attribute** elements. See attributeMetaDescriptorType.

Complex Type: attributeMetaDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the license model attribute.
attributeDataType	AttributeDataType	1..1	Returns one of the following: • TEXT • BOOLEAN • NUMBER • DATE • MULTI_VALUED_TEXT
namespace	string	1..1	Refers to the license technology on which the attribute is created.
validValues	valueType	0..1	**validValues** contains an array of **value** strings that represent valid values for a MULTI_VALUED_TEXT license model attribute.

Complex Type: commonBatchDataSetType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
startDate	date	0..1	Required if not already set in the entitlement line item.
versionDate	date	0..1	If any of the features in the products use date-based versions and **versionDateAttributes** is set to DEFINE_VERSION_DATE_LATER in the entitlement, set **versionDate** in this request. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionStartDate	date	0..1	If any of the features in the products use date-based versions and **versionDateAttributes** is set to DEFINE_VERSION_STARTDATE_LATER with a version date duration in the entitlement, set **versionStartDate** in this request. In a license, the version date is calculated and converted into the **Version Date Format** that is specified in the system configuration.
soldTo	string	0..1	Optional. Provide a sold-to account for the license, for example, during the activation of web register keys. If not provided, the sold-to of the activation defaults to the sold-to of the entitlement.
shipToEmail	string	0..1	Optional. Email address for a contact in the sold-to account where license certificates are shipped. You can provide a different email address from any already set in the entitlement.
shipToAddress	string	0..1	Optional. Postal address for the sold-to account. May already be set in the entitlement.
licenseModelAttributes	attributeDescriptorDataType	0..1	Any fulfillment-time attributes must be set before generating the licenses. See attributeDescriptorDataType.
overridePolicy	boolean	0..1	Optional. Whether to override the policy for extra activations for any of these activation IDs, if the limit has been reached.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).

Complex Type: consolidatedFulfillmentsQPType

Description

Specify the elements needed to construct your query.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

consolidatedLicenseId	SimpleQueryType	0..1	Optional. A **consolidatedLicenseId** element contains:
			• **value**—a string to match part or all of the consolidated license ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

fulfillmentId	SimpleQueryType	0..1	Optional. A **fulfillmentID** element contains:
			• **value**—a string to match part or all of the fulfillment ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

activationId	SimpleQueryType	0..1	Optional. An **activationId** element contains:
			• **value**—a string to match part or all of the activation ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

entitlementId	SimpleQueryType	0..1	Optional. An **entitlementId** element contains:
			• **value**—a string to match part or all of the entitlement ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

soldTo	SimpleQueryType	0..1	Optional. A **soldTo** element contains:
			• **value**—a string to match part or all of the sold-to account.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

criteria	SimpleQueryType	0..1	Optional. A **criteria** element contains:
			• **value**—a string to match part or all of the criterion used to consolidate the licenses.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

state	StateQueryType	0..1	Optional. A state **element** contains:
			• **value**—a StateType value of ACTIVE or OBSOLETE to match part or all of the state value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Complex Type: consolidatedHostLicenseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
license	string	1..*	Licence elements in a **consolidatedHostLicense** element.

Complex Type: consolidatedLicenseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
consolidatedLicenseId	string	1..1	ID of the consolidated license.
licenseText	string	0..1	Text of this consolidated license certificate. Displayed in a query response if **includeLicenseText** in a query request is not set to false. Optional, if license is binary.
binaryLicense	base64Binary	0..1	If the license file type is binary, provide the binary license.
soldTo	string	1..1	Account that has the right to use this license.
criteria	string	1..1	The criterion used to consolidate licenses.
state	StateType	0..1	ACTIVE or OBSOLETE. Not applicable to create operation responses, only query operation responses.
consolidatedFulfillments	fulfillmentIdentifierListType	1..1	See fulfillmentIdentifierListType.
licenseFiles	licenseFileDataListType	0..1	Contains one or more licenseFile elements that contain the license file definition name and the contents of the license file, as text or binary. See licenseFileDataListType.

Complex Type: consolidatedLicenseIdListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
consolidatedLicenseId	string	1..*	List of consolidated license IDs that identify which consolidated licenses to send as email attachments.

Complex Type: consolidatedResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
consolidatedLicense	consolidatedLicenseDataType	1..*	See consolidatedLicenseDataType.

Complex Type: consolidateFulfillmentsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillments	fulfillmentIdentifierListType	1..1	Required. See fulfillmentIdentifierListType.

Referenced By

Name	Type
consolidateFulfillmentsRequest	Element
consolidateFulfillments	Method

Complex Type: consolidateFulfillmentsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	consolidatedResponseDataType	0..1	Information about the licenses that were generated is listed in the responseData element. See consolidatedResponseDataType.

Referenced By

Name	Type
consolidateFulfillmentsResponse	Element

Referenced By

Name	Type
createLicensesAsBatchAndConsolidateResponse	Element

Complex Type: correlationDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the correlation in the request, starting at 1 (string).
uniqueId	string	1..1	Unique database identifier of the correlation (string).

Complex Type: countDataSetType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
countData	countDataType	1..*	Required. See countDataType.

Complex Type: countDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	Activation ID of activatable item.
countForHosts	countForHostsType	1..*	Required. See countForHostsType.

Complex Type: countForHostsType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostDataRefId	string	1..1	Index of activatable item in **countData** element, starting with 1.
fulfillCount	integer	1..1	Seat count for this activatable item. Required for counted licenses.
overDraftCount	integer	0..1	Optional. Overdraft count for this activatable item.

Complex Type: createChildLineItemFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	Required. The activation ID of the activatable item whose license being generated.
startDate	date	0..1	Required if not already set in the entitlement line item.
versionDate	date	0..1	Renewal only. If any of the features in the product use date-based versions and **versionDateAttributes** is set to DEFINE_VERSION_DATE_LATER in the entitlement, set **versionDate** in this request. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionStartDate	date	0..1	Renewal only. If any of the features in the product use date-based versions and **versionDateAttributes** is set to DEFINE_VERSION_STARTDATE_LATER with a version date duration in the entitlement, set **versionStartDate** in this request. In a license, the version date is calculated and converted into the **Version Date Format** that is specified in the system configuration.
soldTo	string	0..1	Optional. Provide a sold-to account for the license, for example, during the activation of a web register key. If not provided, the sold-to of the activation defaults to the sold-to of the entitlement.
shipToEmail	string	0..1	Optional. Email address for a contact in the sold-to account where license certificates are shipped. You can provide a different email address from any already set in the entitlement.
shipToAddress	string	0..1	Optional. Postal address for the sold-to account. May already be set in the entitlement.
licenseModelAttributes	attributeDescriptorDataType	0..1	Any fulfillment-time attributes must be set before verifying that the license can be generated. See attributeDescriptorDataType.
hostIdDetails	hostIdDetailsType	1..1	Required. Specify fulfill count on each host. See hostIdDetailsType.
overridePolicy	boolean	0..1	Optional. Whether to override the policy for extra activations or hostids for this activation ID.
owner	string	0..1	The userID of an existing user. Value is only required for web register key activations.

Content Model

Component	Type	Occurs	Description
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).

Complex Type: createChildLineItemFulfillmentRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	createChildLineItemFulfillmentDataType	1..*	Required. A **createChildLineItemFulfillmentRequest** contains an array of **fulfillment** elements. See createChildLineItemFulfillmentDataType.

Referenced By

Name	Type
createChildLineItemFulfillmentRequest	Element
createChildLineItemFulfillment	Method

Complex Type: createChildLineItemFulfillmentResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	createdChildLIFmtResponseDataType	0..1	Information about the fulfillments that were created is listed in the **responseData** element. See createdChildLIFmtResponseDataType.
failedData	failedChildLIFmtResponseDataType	0..1	Information about the fulfillments that were not returned is listed in the **failedData** element. See failedChildLIFmtResponseDataType.

Referenced By

Name	Type
createChildLineItemFulfillmentResponse	Element

Complex Type: createCVDLicenseFileRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	CVDLicenseFileQueryParametersType	0..1	
nodeLocked	boolean	1..1	Controls whether the hostid will be included in the license file (HOSTID=@hostIdValue). For features that should be node-locked to a host, the license file must contain the hostid. • **true**—Include the hostid in the license file. • **false**—Do not include the hostid in the license file.
vendorStringIsCumulative	boolean	1..1	Controls the vendor string information that is to be included in the license file generated by createCVDLicenseFile. • **true**—The vendor strings will be accumulated, meaning the license file will contain all three vendor strings for the @VENDOR_STRING placeholder. • **false**—No accumulation takes place. The license file will either contain the vendor string from the feature (if the vendor string was defined as a feature override) or from the license model. The vendor string can be set in three places: • At license model level • At product level • At feature level
pageNumber	integer	1..1	
batchSize	integer	1..1	

Referenced By

Name	Type
createCVDLicenseFileRequest	Element
createCVDLicenseFile	Method

Complex Type: createCVDLicenseFileResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	
responseData	CVDLicenseFileConsolidatedResponseDataType	0..1	

Referenced By

Name	Type
createCVDLicenseFileResponse	Element

Complex Type: createdChildLIFmtResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	createdChildLIFulfillmentDataType	1..*	**responseData** contains one or more **fulfillment** elements. See createdChildLIFulfillmentDataType.

Complex Type: createdChildLIFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	integer	1..1	Index of the fulfillment in the request, starting at 1 (integer).
fulfillmentInfo	createdChildLIFulfillmentInfoType	1..*	Fulfillment record of type createdChildLIFulfillmentInfoType. See createdChildLIFulfillmentInfoType.

Complex Type: createdChildLIFulfillmentInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	1..1	Unique database identifier of the fulfillment.
fulfillmentId	string	1..1	Fulfillment ID of the fulfillment record created when this license was generated.
licenseText	string	0..1	Text of license certificate. Deprecated in favor of licenseFiles element; included for backwards compatibility.
binaryLicense	base64Binary	0..1	If the license file type is binary, provide the binary license. Deprecated in favor of licenseFiles element; included for backwards compatibility.
licenseFiles	licenseFileDataListType	0..1	Contains one or more licenseFile elements that contain the license file definition name and the contents of the license file, as text or binary. See licenseFileDataListType.

Complex Type: createdFulfillmentDataListType

Description

Either **createdFulfillment** or **verifiedFulfillment**, not both, will be returned

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
CHOICE		1..1	
createdFulfillment	createdFulfillmentDataType	0..*	Because this was a request to actually generate a license, **responseData** contains one or more **createdFulfillment** elements. See createdFulfillmentDataType.
verifiedFulfillment	verifiedFulfillmentDataType	0..*	Because this was a request to verify that a license could be generated, **responseData** contains one or more **verifiedFulfillment** elements. See verifiedFulfillmentDataType.

Complex Type: createdFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the fulfillment in the request, starting at 1.
uniqueId	string	1..1	Unique database identifier of the fulfillment.
fulfillmentId	string	1..1	Fulfillment ID of the fulfillment record created when this license was generated.
licenseText	string	0..1	Text of license certificate. Deprecated in favor of licenseFiles element; included for backwards compatibility.
binaryLicense	base64Binary	0..1	If the license file type is binary, provide the binary license. Deprecated in favor of licenseFiles element; included for backwards compatibility.
licenseFiles	licenseFileDataListType	0..1	Contains one or more licenseFile elements that contain the license file definition name and the contents of the license file, as text or binary. See licenseFileDataListType.

Complex Type: createdShortCodeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCode	string	1..1	A response string delivered back to the customer to enter into an activation utility.

Complex Type: createFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	Required. The activation ID of the activatable item whose license is getting verified.
fulfillCount	integer	0..1	Specify the seat count for this activatable item, if required by the license model.
overDraftCount	integer	0..1	Specify if supported by the license model, subject to the overdraft ceiling and floor settings. If not specified, and a floor value is set and enough remains of the maximum overdraft count on the entitlement line item, the floor value is applied. See the *FlexNet Operations Online Help* for details.
startDate	date	0..1	Required if not set in the entitlement line item.
versionDate	date	0..1	If any of the features in the product use date-based versions and **versionDateAttributes** is set to DEFINE_VERSION_DATE_LATER in the entitlement, set **versionDate** in this request. In a license, this date is converted into the **Version Date Format** that is specified in the system configuration.
versionStartDate	date	0..1	Provide a sold-to account for the license if one is required, for example, during the activation of a web register key.If any of the features in the product use date-based versions and **versionDateAttributes** is set to DEFINE_VERSION_STARTDATE_LATER with a version date **duration** in the entitlement, set **versionStartDate** in this request. In a license, the version date is calculated and converted into the **Version Date Format** that is specified in the system configuration.
soldTo	string	0..1	Provide a sold-to account for the license if one is required, for example, during the activation of a web register key.
shipToEmail	string	0..1	Optional. Email address for a contact in the sold-to account where license certificates are shipped. You can provide a different email address from any already set in the entitlement.
shipToAddress	string	0..1	Optional. Postal address for the sold-to account. May already be set in the entitlement.
serverIds	ServerIDsType	0..1	Provide one or three license server machine hostids if a server hostid is required by the license model. See ServerIDsType.

Content Model

Component	Type	Occurs	Description
nodeIds	NodeIDsType	0..1	Provide one or more node-locked hostids if a node-locked hostid is required by the license model. See NodeIDsType.
customHost	CustomHostIDType	0..1	Optional. See customHostIDType.
licenseModelAttributes	attributeDescriptorDataType	0..1	Any fulfillment-time attributes must be set before verifying that the license can be generated. See attributeDescriptorDataType.
overridePolicy	boolean	0..1	Optional. Whether to override the policy for extra activations for this activation ID, if the limit has been reached.
owner	string	0..1	The userID of an existing user. Value is only required for web register key activations.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).

Complex Type: createFulfillmentRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	createFulfillmentDataType	1..*	Required. A **createFulfillmentRequest** contains an array of **fulfillment** elements to be verified. See createFulfillmentDataType.

Referenced By

Name	Type
createCVDFulfillmentsRequest	Element
createLicenseRequest	Element
verifyCreateLicenseRequest	Element
createCVDFulfillments	Method
createLicense	Method
verifyCreateLicense	Method

Complex Type: createFulfillmentResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFulfillmentDataListType</td><td>0..1</td><td>Information about the licenses that were not verified is listed in the failedData element. See failedFulfillmentDataListType.</td></tr>
<tr><td>responseData</td><td>createdFulfillmentDataListType</td><td>0..1</td><td>Information about the licenses that were verified is listed in the responseData element. See createdFulfillmentDataListType.</td></tr>
</table>

Referenced By

Name	Type
createCVDFulfillmentsResponse	Element
createLicenseResponse	Element
verifyCreateLicenseResponse	Element

Complex Type: createLicensesAsBatchRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationIds	activationIdsListType	1..1	Required. See activationIdsListType.
hostIdDataSet	hostIdDataSetType	1..1	Required. See hostIdDataSetType.
countDataSet	countDataSetType	0..1	See countDataSetType.
commonBatchDataSet	commonBatchDataSetType	1..1	See commonBatchDataSetType.

Referenced By

Name	Type
createLicensesAsBatchAndConsolidateRequest	Element
createLicensesAsBatchRequest	Element
createLicensesAsBatch	Method
createLicensesAsBatchAndConsolidate	Method

Complex Type: createLicensesAsBatchResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	fulfillmentDataType	1..*	See Complex+Types.LicenseService#tns:fulfillmentDataType fulfillmentDataType.

Complex Type: createLicensesAsBatchResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>createLicensesAsBatchResponseDataType</td><td>0..1</td><td>Information about the licenses that were generated is listed in the responseData element. See createLicensesAsBatchResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
createLicensesAsBatchResponse	Element

Complex Type: createShortCodeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
bulkEntitlementId	string	0..1	Needed if the specified web register key has not already been loaded into the bulk entitlement.
webRegkey	string	1..1	Required. Web register key (also known as activation ID in FlexNet Operations; entitlement ID in FlexNet Licensing) that is loaded into or will be dynamically loaded into the bulk entitlement associated with the short code ASR.
shortCode	string	1..1	Required. The short code is generated by an activation utility at the customer site and is delivered to the publisher.
publisherAttributes	publisherAttributesListDataType	0..1	Activation clients can send fulfillment time attributes along with the short code and the activation ID. See the documentation for custom policy attributes (getPublisherSpecificData() method) and see publisherAttributesListDataType.
overridePolicy	boolean	0..1	Optional. Set to true if a policy should be overridden that might prevent the generation of this short code data.
shortCodeActivationType	ShortCodeActivationType	0..1	Optional. Overrides the default activation behavior. If you set the value to REINSTALL the fulfillment (reinstallFulfillment) consumes no additional counts. If you set the value to REACTIVATE additional counts are consumed.
reinstallFulfillment	fulfillmentIdentifierType	0..1	Optional. If you specify a shortCodeActivationType of REINSTALL, provide a value for reinstallFulfillment to identify the fulfillment. See fulfillmentIdentifierType.

Complex Type: customAttributeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	The name of the custom attribute.
CHOICE		1..1	
booleanValue	boolean	0..1	Optional. Depending on the attribute type, set either stringValue or numberValue or booleanValue. Set to true or false if the custom attribute is of type boolean.

dateValue	DateQueryType	0..1	Optional. A **dateValue** element contains:
			• **value**—a date value to compare to the version date value.
			• **searchType**—one of the following DateQueryType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description

numberValue	NumberQueryType	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**. A **numberValue** element contains:
			• **value**—an integer number to match part or all of the custom attribute value.
			• **searchType**—one of the following NumberQueryType values:
			  • GREATER_THAN
			  • GREATER_THAN_EQUALS
			  • LESS_THAN
			  • LESS_THAN_EQUALS
			  • EQUALS
			  • NOT_EQUALS

stringValue	SimpleQueryType	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**. A **stringValue** element contains:
			• **value**—a string to match part or all of the custom attribute value.
			• **searchType**—one of the following SimpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Complex Type: customAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	customAttributeQueryType	0..*	The **attributeName**. See customAttributeQueryType.

Complex Type: CustomHostIDType

Description

Either pass in a fully formed custom hostid in the <hostId> element (for example, HID-customHA=3, for the sample custom hostid generator), or pass in custom host attribute values. The fully formed hostid can be passed in only if it has already been used in a previous license (and would appear in the Use Existing Hostid selection in the Administrative Console). Otherwise, pass in the host attribute values.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostId	string	0..1	Host ID.
hostAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
hostType	hostTypePKType	0..1	See hostTypePKType.

Complex Type: CVDLicenseFileConsolidatedLicenseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseTechnologyName	string	0..1	
soldTo	string	1..1	
criteria	string	1..1	
licenseGenerator	CVDLicenseGeneratorType	0..*	
state	StateType	0..1	

Complex Type: CVDLicenseFileConsolidatedResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseTechnology	CVDLicenseFileConsolidatedLicenseDataType	0..*	

Complex Type: CVDLicenseFileQueryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostId	SimpleQueryType	0..1	
customHostAttributes	customAttributesQueryListType	0..1	

Complex Type: CVDLicenseGeneratorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseGeneratorName	string	1..1	
consolidatedLicenseId	string	1..1	
consolidatedFulfillments	fulfillmentIdentifierListType	1..1	
licenseFiles	licenseFileDataListType	0..1	

Complex Type: deleteOnholdFulfillmentsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdList	fulfillmentIdListType	1..1	See fulfillmentIdListType.

Referenced By

Name	Type
deleteOnholdFulfillmentsRequest	Element
deleteOnholdFulfillments	Method

Complex Type: deleteOnholdFulfillmentsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedOnholdFulfillmentListType	0..1	See failedOnholdFulfillmentListType.

Referenced By

Name	Type
deleteOnholdFulfillmentsResponse	Element

Complex Type: Dictionary

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Entries	DictionaryEntriesCollection	0..1	Required. One or more DictionaryEntries, each mapping to a fulfillment-time attribute (either FlexNet or custom license attribute). See DictionaryEntriesCollection.

Complex Type: DictionaryEntriesCollection

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Entry	DictionaryEntry	1..*	Required. A key/value pair for a fulfillment-time attribute (either FlexNet or custom license attributes). See DictionaryEntry.

Complex Type: DictionaryEntry

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Key	NonEmptyString	1..1	Values for fulfillment-time FlexNet and custom license attributes.
Value	string	1..1	The value associated with Key. For multi-value attributes, pass the values as a comma-separated string enclosed in single quotes. Requests submitted through soapUI, for example, require a construction like: **'value1,value2'** If the value of a multi-value attribute consists of only a single value, you must still enclose it in single quotes.

Complex Type: duplicateFulfillmentRecordListDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	fulfillmentIdentifierType	1..*	Existing duplicate fulfillment records. See fulfillmentIdentifierType.

Complex Type: DurationType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **DurationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Complex Type: emailConsolidatedLicensesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
consolidatedLicenseIdList	consolidatedLicenseIdListType	1..1	Required. An **emailConsolidatedLicenseRequest** contains a **consolidatedLicenseIdList** element identifying the licenses to be emailed. See consolidatedLicenseIdListType.
validateEmailAddresses	boolean	0..1	Optional. Perform simple validation of email addresses in the request? Default is false.
emailIdList	emailContactListType	0..1	See emailContactListType.
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US. Set to the preferred locale for the consolidated license email template. If the locale is valid and an email template has been configured for that locale, the localized template is used to send the email.

Referenced By

Name	Type
emailConsolidatedLicensesRequest	Element
emailConsolidatedLicenses	Method

Complex Type: emailConsolidatedLicensesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.
reason	string	Gives reason for partial failure or failure.

Referenced By

Name	Type
emailConsolidatedLicensesResponse	Element

Complex Type: emailContactListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
emailId	string	0..*	List of email addresses to which to send license certificate.

Complex Type: emailLicenseRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..1	Required. An **emailLicenseRequest** contains a **fulfillmentIdentifier** element identifying the license to be emailed. See FulfillmentIdentifierType.
ignoreExistingEmailList	boolean	0..1	Optional. If true, all email addresses must be specified explicitly in the request. It is not possible to specify which of a list of existing email addresses to exclude (exclude all or none). If not set, the value is false.
validateEmailAddresses	boolean	0..1	Optional. Perform simple validation of email addresses in the request? Default is false.
emailIdList	emailContactListType	0..1	See emailContactListType.
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US. Set to the preferred locale for the license email template. If the locale is valid and an email template has been configured for that locale, the localized template is used to send the email.

Referenced By

Name	Type
emailLicenseRequest	Element
emailLicense	Method

Complex Type: emailLicenseResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.
reason	string	Gives reason for partial failure or failure.

Referenced By

Name	Type
emailLicenseResponse	Element

Complex Type: emergencyFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..1	See fulfillmentIdentifierType.
licenseModelAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
startDate	date	1..1	Required. Date that the license starts.
endDate	date	1..1	Required. Date that the license ends.
shipToEmail	string	0..1	Optional. Email address of a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Optional. Postal address of the sold-to account.
serverIds	ServerIDsType	0..1	See ServerIDsType.
nodeIds	NodeIDsType	0..1	See NodeIDsType.
customHost	CustomHostIDType	0..1	See CustomHostIDType.

Complex Type: emergencyFulfillmentRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	emergencyFulfillmentDataType	1..*	See failedEmergencyResponselistDataType.

Referenced By

Name	Type
emergencyLicenseRequest	Element
emergencyLicense	Method

Complex Type: emergencyFulfillmentResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	integer	1..1	Index of the fulfillment in the emergency license request, starting at 1.
fulfillment	fulfillmentDataType	0..1	See fulfillmentDataType.

Complex Type: emergencyFulfillmentResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	emergencyResponseDataType	0..1	See emergencyResponseDataType.
failedData	failedEmergencyResponselistDataType	0..1	See failedEmergencyResponselistDataType.

Referenced By

Name	Type
emergencyLicenseResponse	Element

Complex Type: emergencyResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentData	emergencyFulfillmentResponseDataType	0..*	See emergencyFulfillmentResponseDataType.

Complex Type: entitledProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitledProduct	entitledProductDataType	0..*	See entitledProductDataType.

Complex Type: entitledProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productIdentifierType	0..1	See productIdentifierType.
quantity	integer	1..1	Quantity per copy of the line item. This is a multiplier to the number of copies. If one copy of the line item is fulfilled, this many copies of the entitled product will be fulfilled.

Complex Type: entitlementIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the entitlement.
primaryKeys	entitlementPKType	0..1	Database primary key of the entitlement—string containing the **entitlementId** of the entitlement.

Complex Type: entitlementLineItemIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the entitlement line item.
primaryKeys	entitlementLineItemPKType	0..1	Database primary key of the entitlement line item—string containing the **activationId** of the entitlement line item.

Complex Type: entitlementLineItemPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	Activation ID of the entitlement line item.

Complex Type: entitlementPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	string	1..1	Entitlement ID of the entitlement.

Complex Type: failedAdvancedFmtLCDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	advancedFulfillmentLCDataType	1..1	See advancedFulfillmentLCDataType.
reason	string	1..1	String containing the reason the fulfillment was not created.

Complex Type: failedAdvancedFmtLCResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFulfillment	failedAdvancedFmtLCDataType	1..*	**failedData** contains one or more **failedFulfillment** elements. See failedAdvancedFmtLCDataType.

Complex Type: failedChildLIFmtResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFulfillment	failedChildLIFulfillmentDataType	1..*	**failedData** contains one or more **failedFulfillment** elements. See failedChildLIFulfillmentDataType.

Complex Type: failedChildLIFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	createChildLineItemFulfillmentDataType	1..1	See createChildLineItemFulfillmentDataType.
reason	string	1..1	String containing the reason the fulfillment was not created.

Complex Type: failedEmergencyResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	emergencyFulfillmentDataType	1..1	See emergencyFulfillmentDataType.
reason	string	1..1	Reason for the failure.

Complex Type: failedEmergencyResponselistDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFulfillment	failedEmergencyResponseDataType	0..*	See failedEmergencyResponseDataType.

Complex Type: failedFulfillmentDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFulfillment	failedFulfillmentDataType	0..*	**failedData** contains one or more **failedFulfillment** elements. See failedFulfillmentDataType.

Complex Type: failedFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	createFulfillmentDataType	1..1	See createFulfillmentDataType.
reason	string	1..1	String containing the reason the license was not verified.

Complex Type: failedLineItem

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	NonEmptyString	0..1	An activation ID.

Complex Type: failedOnholdFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..1	See fulfillmentIdentifierType.
reason	string	1..1	Reason why the delete failed.

Complex Type: failedOnholdFulfillmentListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFulfillment	failedOnholdFulfillmentDataType	1..*	See failedOnholdFulfillmentDataType.

Complex Type: failedPublisherErrorResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	publisherErrorFulfillmentDataType	1..1	See publisherErrorFulfillmentDataType.
reason	string	1..1	Reason for failure.

Complex Type: failedPublisherErrorResponselistDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFulfillment	failedPublisherErrorResponseDataType	0..*	See failedPublisherErrorResponseDataType.

Complex Type: failedRehostResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	rehostFulfillmentDataType	1..1	See rehostFulfillmentDataType.
reason	string	1..1	String containing the reason the fulfillment was not rehosted.

Complex Type: failedRehostResponselistDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFulfillment	failedRehostResponseDataType	0..*	**failedData** contains one or more **failedFulfillment** elements. See failedRehostResponseDataType.

Complex Type: failedRepairResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	repairFulfillmentDataType	1..1	See repairFulfillmentDataType.
reason	string	1..1	String containing the reason the fulfillment was not repaired.

Complex Type: failedRepairResponselistDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFulfillment	failedRepairResponseDataType	0..*	**failedData** contains one or more **failedFulfillment** elements. See failedRepairResponseDataType.

Complex Type: failedRepairShortCodeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCodeData	repairShortCodeDataType	1..1	See repairShortCodeDataType.
reason	string	1..1	String containing the reason the short code response was not generated.

Complex Type: failedReturnResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	returnFulfillmentDataType	1..1	See returnFulfillmentDataType.
reason	string	1..1	String containing the reason the fulfillment was not returned.

Complex Type: failedReturnResponselistDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFulfillment	failedReturnResponseDataType	0..*	**failedData** contains one or more **failedFulfillment** elements. See failedReturnResponseDataType.

Complex Type: failedReturnShortCodeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCodeData	returnShortCodeDataType	1..1	See returnShortCodeDataType.
reason	string	1..1	String containing the reason the short code response was not generated.

Complex Type: failedSetLicenseOnholdFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
onholdFmtLicenseData	onHoldFmtLicenseDataType	1..1	See onholdFmtLicenseDataType.
reason	string	1..1	Reason why the fulfillment is on hold.

Complex Type: failedSetLicenseOnholdFulfillmentListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFmtData	failedSetLicenseOnholdFulfillmentDataType	1..*	See failedSetLicenseOnholdFulfillmentDataType.

Complex Type: failedShortCodeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCodeData	createShortCodeDataType	1..1	See createShortCodeDataType.
reason	string	1..1	String containing the reason the short code response was not generated.
duplicateFulfillmentRecords	duplicateFulfillmentRecordListDataType	0..1	Optional. See duplicateFulfillmentRecordListDataType.

Complex Type: failedStopGapResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	stopGapFulfillmentDataType	1..1	See stopGapFulfillmentDataType.
reason	string	1..1	Reason for the failure.

Complex Type: failedStopGapResponselistDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedFulfillment	failedStopGapResponseDataType	0..*	See failedStopGapResponseDataType.

Complex Type: failedTransferHostDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdentifier	transferHostIdDataType	0..1	See transferHostIdDataType.
reason	string	0..1	String containing the reason the host was not transferred.

Complex Type: failedTransferHostListDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedHost	failedTransferHostDataType	0..*	**failedData** contains one or more **failedHost** elements. See failedTransferHosttDataType.

Complex Type: featureBundleIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the feature bundle.
primaryKeys	featureBundlePKType	0..1	Database primary key of the feature bundle—a string containing the **name** of the feature bundle.

Complex Type: featureBundlePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the feature bundle.

Complex Type: featureIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the feature.
primaryKeys	featurePKType	0..1	Database primary keys of the feature—strings containing **name** and, if the feature version format is FIXED, the **version** of the feature. If the feature version format is DATE_BASED, specify only **name**.

Complex Type: featurePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the feature.
version	string	0..1	Version of the feature.

Complex Type: fulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementIdentifier	entitlementIdentifierType	1..1	See entitlementIdentifierType.
fulfillmentIdentifier	fulfillmentIdentifierType	1..1	Fulfillment ID of the fulfillment record created when this license was generated. See fulfillmentIdentifierType.
fulfillmentType	string	1..1	CERTIFICATE or TRUSTED.
lineItem	entitlementLineItemIdentifierType	1..1	See entitlementLineItemIdentifierType.
product	productIdentifierType	1..1	See productIdentifierType.
soldTo	string	1..1	Account that has the right to use this license.
shipToEmail	string	0..1	Email address for a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Postal address for the sold-to account.
serverIds	ServerIDsType	0..1	One or three license server machine hostids if a server hostid is required by the license model. See ServerIDsType.
nodeIds	NodeIDsType	0..1	One or more node-locked hostids if a node-locked hostid is required by the license model. See NodeIDsType.
customHost	CustomHostIDType	0..1	See CustomHostIDType.
fulfilledCount	string	1..1	The count in this fulfillment.
overDraftCount	string	1..1	Number of checkouts over the fulfill count that this license allows.
fulfillDate	date	1..1	Date that the license was generated.
fulfillDateTime	dateTime	1..1	Date and time that the license was generated.
isPermanent	boolean	1..1	Whether the license is permanent or expiring.
startDate	date	0..1	Date that the license begins to be valid.
expirationDate	date	0..1	Date that the license expires.
licenseText	string	0..1	Returned if **includeLicenseText** in the request is not set to false. Text of the license certificate for this fulfillment.
binaryLicense	base64Binary	0..1	If the license file type is binary, provide the binary license.

Content Model

Component	Type	Occurs	Description
consolidatedHostLicense	consolidatedHostLicenseDataType	0..1	Returned if **includeConsolidatedHostLicense** in the request is not set to false. **consolidatedHostLicense** contains an array of **license** elements.
supportAction	SupportLicenseType	0..1	One of the following: • MASTER • REHOST • RETURN • REPAIR • STOPGAP • EMERGENCY • PUBLISHER_ERROR • REGENERATE
lastModifiedDateTime	dateTime	1..1	Date and time that the license was last modified.
parentFulfillmentId	fulfillmentIdentifierType	0..1	Fulfillment ID of the parent of this fulfillment, if this fulfillment is the result of a support action. See fulfillmentIdentifierType.
licenseTechnology	licenseTechnologyIdentifierType	0..1	License technology of the product. See licenseTechnologyIdentifierType.
licenseModelAttributes	attributeDescriptorDataType	0..1	License model attribute. See Complex+Types.LicenseService#tns:attributeDescriptorDataType attributeDescriptorDataType.
state	StateType	0..1	ACTIVE or OBSOLETE.
fulfillmentSource	FulfillmentSourceType	0..1	The fulfillment source type. See FulfillmentSourceType.
licenseFiles	licenseFileDataListType	0..1	Contains one or more licenseFile elements that contain the license file definition name and the contents of the license file, as text or binary. See licenseFileDataListType.
entitledProducts	entitledProductDataListType	0..1	See entitledProductDataListType.

Content Model

Component	Type	Occurs	Description
activationType	ActivationType	0..1	The trusted activation type. One of the following: • PROGRAMMATIC • MANUAL • SHORT_CODE • DEFAULT

Complex Type: fulfillmentHistoryDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	Activation ID of the activatable item whose fulfillment history is requested.
historyDetails	fulfillmentHistoryDetailsType	1..1	See fulfillmentHistoryDetailsType.

Complex Type: fulfillmentHistoryDetailsType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
record	fulfillmentHistoryRecordType	1..*	See fulfillmentHistoryRecordType.

Complex Type: fulfillmentHistoryRecordType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentId	string	1..1	ID of a fulfillment generated from the requested activation ID.
action	string	1..1	Type of fulfillment or support action that was taken on this fulfillment.
actionDate	date	1..1	Date on which the fulfillment or support action was performed.
actionDateTime	dateTime	1..1	Date and time at which the fulfillment or support action was performed. (Valid only for FlexNet Operations 8.3.0.3 and later.)
actionPerformedBy	string	1..1	User name of the user who performed the fulfillment or support action.
isPolicyOverridden	boolean	1..1	Whether this fulfillment or support action required the user to override any policies in order to generate the fulfillment.
count	integer	1..1	Seat count of the fulfillment.
fulfillmentSource	string	1..1	Through which path the fulfillment was generated: • APPLICATION (through the publisher or portal UI) • LEGACY (imported legacy fulfillments) • ONLINE (through web services)

Complex Type: fulfillmentIdentifierListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..*	See fulfillmentIdentifierType.

Complex Type: fulfillmentIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the fulfillment, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the fulfillment.
primaryKeys	fulfillmentPKType	0..1	Database primary key of the fulfillment—a string containing the **fulfillmentID**.

Complex Type: fulfillmentIdListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..*	See fulfillmentIdentifierType.

Complex Type: fulfillmentPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentId	string	1..1	Fulfillment ID.

Complex Type: fulfillmentPropertiesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentId	fulfillmentIdentifierType	0..1	Fulfillment ID. See fulfillmentIdentifierType.
fulfillmentType	string	0..1	CERTIFICATE or TRUSTED.
state	StateType	0..1	ACTIVE or OBSOLETE.
entitlementId	entitlementIdentifierType	0..1	See entitlementIdentifierType.
lineitemId	entitlementLineItemIdentifierType	0..1	See entitlementLineItemIdentifierType.
product	productIdentifierType	0..1	Product. See productIdentifierType.
productDescription	string	0..1	Brief description of product.
partNumber	partNumberIdentifierType	0..1	Part number.
partNumberDescription	string	0..1	Brief description of part number.
licenseTechnology	licenseTechnologyIdentifierType	0..1	License technology. See licenseTechnologyIdentifierType.
licenseModel	licenseModelIdentifierType	0..1	License model. See licenseModelIdentifierType.
soldTo	accountIdentifierType	0..1	Account to which the license was sold. See accountIdentifierType.
soldToDisplayName	string	0..1	Brief name of the account.
shipToEmail	string	0..1	Email address of the account.
shipToAddress	string	0..1	Physical address of the account.
licenseHost	string	0..1	The server host or hosts in a counted license, or the nodelock host in a nodelocked uncounted or custom host. (This operation does not return the nodelocked hosts of a nodelocked counted license.)
fulfilledCount	integer	0..1	Number of fulfilled copies.
overDraftCount	integer	0..1	Amount of overdraft count allocated using this fulfillment record.
fulfillDate	date	0..1	The date when this fulfillment record was activated.
fulfillDateTime	dateTime	0..1	The date and time when this fulfillment record was activated.
isPermanent	boolean	0..1	Does the license expire?
startDate	date	0..1	Start date of the license.
expirationDate	date	0..1	Expiration date of the license.

Content Model

Component	Type	Occurs	Description
versionDate	date	0..1	Version date, if any defined for this fulfillment record.
licenseFileType	string	0..1	TEXT or BINARY.
licenseText	string	0..1	Text of license certificate. Deprecated in favor of licenseFiles element; included for backwards compatibility.
binaryLicense	base64Binary	0..1	If the license file type is binary, provide the binary license. Deprecated in favor of licenseFiles element; included for backwards compatibility.
supportAction	SupportLicenseType	0..1	Indicates the latest license lifecycle activity performed on a fulfillment record - MASTER (activated), RETURNED (Returned) and so on.
lastModifiedDateTime	dateTime	0..1	Date on which the license was last modified.
parentFulfillmentId	fulfillmentIdentifierType	0..1	Parent fulfillment identifier, if any. This is usually set if the fulfillment record was generated as an upgrade of another fulfillment record. See fulfillmentIdentifierType.
fulfillmentSource	FulfillmentSourceType	0..1	Indicates how a particular fulfillment record was generated. See FulfillmentSourceType
orderId	string	0..1	Order ID.
orderLineNumber	string	0..1	Order line number.
lineitemDescription	string	0..1	Brief description of the line item.
totalCopies	integer	0..1	Number of copies originally purchased using the line item.
numberOfRemainingCopies	integer	0..1	Number of remaining copies on the line item.
isTrusted	boolean	0..1	True, for fulfillment records generated using trusted storage licensing.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes associated with the license. See attributeDescriptorDataType.
customHostAttributes	attributeDescriptorDataType	0..1	Custom host attributes associated with the license. See attributeDescriptorDataType.
migrationId	string	0..1	Optional. An ID that can be used to track fulfillments imported from a legacy system.
vendorDaemonName	string	0..1	Name of the vendor daemon used to generate this fulfillment record.
licenseFiles	licenseFileDataListType	0..1	Contains one or more licenseFile elements that contain the license file definition name and the contents of the license file, as text or binary. See licenseFileDataListType.
entitledProducts	entitledProductDataListType	0..1	See entitledProductDataListType.

Content Model

Component	Type	Occurs	Description
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
activationType	ActivationType	0..1	The trusted activation type. One of the following: • PROGRAMMATIC • MANUAL • SHORT_CODE • DEFAULT

Complex Type: fulfillmentResponseConfigRequestType

Description

If true, that element will be included in the response.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentId	boolean	0..1	Fulfillment ID.
fulfillmentType	boolean	0..1	CERTIFICATE or TRUSTED.
state	boolean	0..1	ACTIVE or OBSOLETE.
entitlementId	boolean	0..1	Entitlement ID.
lineitemId	boolean	0..1	Line item ID.
product	boolean	0..1	Product.
productDescription	boolean	0..1	Brief description of product.
partNumber	boolean	0..1	Part number.
partNumberDescription	boolean	0..1	Brief description of part number.
licenseTechnology	boolean	0..1	License technology.
licenseModel	boolean	0..1	License model.
soldTo	boolean	0..1	Account to which the license was sold.
soldToDisplayName	boolean	0..1	Brief name of the account.
shipToEmail	boolean	0..1	Email address of the account.
shipToAddress	boolean	0..1	Physical address of the account.
licenseHost	boolean	0..1	Host on which the license is deployed.
fulfilledCount	boolean	0..1	Number of fulfilled copies.
overDraftCount	boolean	0..1	Amount of overdraft count allocated using this fulfillment record.
fulfillDate	boolean	0..1	The date when this fulfillment record was activated.
fulfillDateTime	boolean	0..1	The date and time when this fulfillment record was activated.
isPermanent	boolean	0..1	Does the license expire?
startDate	boolean	0..1	Start date of the license.
expirationDate	boolean	0..1	Expiration date of the license.
versionDate	boolean	0..1	Version date, if any defined for this fulfillment record.

Content Model

Component	Type	Occurs	Description
licenseFileType	boolean	0..1	TEXT or BINARY.
licenseText	boolean	0..1	Text of license certificate. Deprecated in favor of licenseFiles element; included for backwards compatibility.
binaryLicense	boolean	0..1	If the license file type is binary, provide the binary license. Deprecated in favor of licenseFiles element; included for backwards compatibility.
supportAction	boolean	0..1	Indicates the latest license lifecycle activity performed on a fulfillment record - MASTER (activated), RETURNED (Returned) and so on.
lastModifiedDateTime	boolean	0..1	Date on which the license was last modified.
parentFulfillmentId	boolean	0..1	Parent fulfillment identifier, if any. This is usually set if the fulfillment record was generated as an upgrade of another fulfillment record.
fulfillmentSource	boolean	0..1	Indicates how a particular fulfillment record was generated - online (from web services) or Application (from the Admin Console).
orderId	boolean	0..1	Order ID.
orderLineNumber	boolean	0..1	Order line number.
lineitemDescription	boolean	0..1	Brief description of the line item.
totalCopies	boolean	0..1	Number of copies originally purchased using the line item.
numberOfRemainingCopies	boolean	0..1	Number of remaining copies on the line item.
isTrusted	boolean	0..1	True, for fulfillment records generated using trusted storage licensing.
customAttributes	customAttributeDescriptorDataType	0..1	Custom attributes associated with the license.
customHostAttributes	customAttributeDescriptorDataType	0..1	Custom host attributes associated with the license.
migrationId	boolean	0..1	Display the migration ID. TRUE or FALSE.
vendorDaemonName	boolean	0..1	Name of the vendor daemon used to generate this fulfillment record.
licenseFiles	boolean	0..1	Contains one or more licenseFile elements that contain the license file definition name and the contents of the license file, as text or binary. See licenseFileDataListType.
FNPTimeZoneValue	boolean	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
activationType	boolean	0..1	The activation type of the fulfillment.

Complex Type: fulfillmentsQueryParametersType

Description

Specify the elements needed to construct your query.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

entitlementId	SimpleQueryType	0..1	Optional. An **entitlementId** element contains:
			• **value**—a string to match part or all of the entitlement ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

activationId	SimpleQueryType	0..1	Optional. An **activationId** element contains:
			• **value**—a string to match part or all of the activationId.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

fulfillmentId	SimpleQueryType	0..1	Optional. A **fulfillmentID** element contains:
			• **value**—a string to match part or all of the fulfillment ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

product	SimpleQueryType	0..1	Optional. A **product** element contains:
			• **value**—a string to match part or all of the product name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

hostId	SimpleQueryType	0..1	Optional. A **hostId** element contains:
			• **value**—a string to match part or all of any of the server or node-locked hostids.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

nodeLockHostId	SimpleQueryType	0..1	Optional. A **nodeLockHostId** contains:
			• **value**—a string to match all or part of the license technology.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

soldTo	SimpleQueryType	0..1	Optional. A **soldTo** element contains:
			• **value**—a string to match part or all of the sold-to account.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

fulfillDate	DateQueryType	0..1	Optional. A **fulfillDate** element contains:
			• **value**—a date value to compare to the fulfill date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description

fulfillDateTime	DateTimeQueryType	0..1	Optional. A **fulfillDateTime** element contains:
			• **value**—a date and time value to compare to the fulfill date and time value.
			• **searchType**—one of the following dateSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

startDate	DateQueryType	0..1	Optional. A **startDate** element contains:
			• **value**—a date value to compare to the start date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

expirationDate	DateQueryType	0..1	Optional. A **expirationDate** element contains:
			• **value**—a date value to compare to the expiration date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description

lastModifiedDateTime	DateTimeQueryType	0..1	Optional. A **lastModifiedDateTime** element contains:
			• **value**—a date and time value to compare to the last modified date and time value.
			• **searchType**—which is one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON
			• Valid only for FlexNet Operations 8.3.0.3 and later.

state	StateQueryType	0..1	Optional. A **state** element contains:
			• **value**—a StateType value of ACTIVE, ON_HOLD or OBSOLETE to match part or all of the state value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

licenseTechnology	SimpleQueryType	0..1	Optional. A **licenseTechnology** element contains:
			• **value**—a string to match part or all of the license technology.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description
userId	string	0..1	Optional. Set to the user name (login) of a portal user to return the fulfillments that this user can see if logged in to the portal UI.
fulfillmentSource	FulfillmentSourceType	0..1	See FulfillmentSourceType.
customAttributes	customAttributesQueryListType	0..1	See customAttributeQueryListType.
customHostAttributes	customAttributesQueryListType	0..1	See customAttributeQueryListType.
activationType	ActivationType	0..1	One of the following: • PROGRAMMATIC • MANUAL • SHORT_CODE • DEFAULT

Complex Type: fulfillmentStateQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	fulfillmentStateType	1..1	
searchType	simpleSearchType	1..1	

Complex Type: getConsolidatedFulfillmentCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	consolidatedFulfillments QPType	0..1	Required. See consolidatedFulfillmentsQPType. Leave this element blank to return all consolidated fulfillments.

Referenced By

Name	Type
getConsolidatedFulfillmentCountRequest	Element
getConsolidatedFulfillmentCount	Method

Complex Type: getConsolidatedFulfillmentCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getConsolidatedFulfillmentCountResponseDataType</td><td>0..1</td><td>Contains an integer count element.</td></tr>
</table>

Referenced By

Name	Type
getConsolidatedFulfillmentCountResponse	Element

Complex Type: getConsolidatedFulfillmentsQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	consolidatedFulfillments QPType	0..1	Required. See consolidatedFulfillmentsQPType.
pageNumber	integer	1..1	Required. Starts at 1. Say the getConsolidatedFulfillmentCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
includeLicenseText	boolean	0..1	Optional. Whether to include the entire text of the consolidated license(s) in the response. Default is true.

Referenced By

Name	Type
getConsolidatedFulfillmentsQueryRequest	Element
getConsolidatedFulfillmentsQuery	Method

Complex Type: getConsolidatedFulfillmentsQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
consolidatedLicense	consolidatedLicenseDataType	0..*	See consolidatedLicenseDataType.

Complex Type: getConsolidatedFulfillmentsQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Types</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getConsolidatedFulfillmentsQueryResponseDataType</td><td>0..1</td><td>See getConsolidatedFulfillmentsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getConsolidatedFulfillmentsQueryResponse	Element

Complex Type: getCountResponseDataType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	1..1	A count element.

Complex Type: getFmtAttributesForBatchActivationRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationIds	activationIdsListType	1..1	Required. A **getFmtAttributesForBatchActivationRequest** contains an **activationIds** element identifying the activation IDs whose fulfillment-time attributes to return. See activationIdsListType.

Referenced By

Name	Type
getFmtAttributesForBatchActivationRequest	Element
getFulfillmentAttributesForBatchActivation	Method

Complex Type: getFmtAttributesForBatchActivationResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFmtAttributesForBatchDataType</td><td>0..1</td><td>A list of license model attributes that are set at fulfillment time are contained in the responseData element. See getFmtAttributesForBatchDataType.</td></tr>
</table>

Referenced By

Name	Type
getFmtAttributesForBatchActivationResponse	Element

Complex Type: getFmtAttributesForBatchDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
needStartDate	boolean	1..1	Returns true if one of the activatable items requires a start date to be provided at fulfillment time.
needVersionDate	boolean	1..1	Returns true if one of the activatable items requires that a version start date is provided at fulfillment time.
needVersionStartDate	boolean	1..1	Returns true iif one of the activatable items requires that a version start date is provided at fulfillment time.
needServerId	boolean	1..1	Returns true if the license model requires that a license server hostid is provided at fulfillment time.
needNodeLockId	boolean	1..1	Returns true if the license model requires that a node-locked hostid is provided at fulfillment time.
needCustomHost	boolean	1..1	Returns true if license model requires custom host attributes.
needCount	boolean	1..1	Returns true if the license model requires that a fulfill count is provided at fulfillment time.
needSoldTo	boolean	1..1	Returns true if one of the activatable items allows the sold-to account to be specified at fulfillment time (for example, when activating a web register key). If **needSoldTo** returns true and a sold-to account is not provided, the sold-to on the fulfillment defaults to the sold-to on its entitlement.
overDraftData	overDraftDataListType	1..1	See overDraftDataListType.
modelType	string	1..1	Name of the license model common to these activatable items.
modelAttributes	attributeMetaDescriptorDataType	0..1	Fulfillment attributes for the license model. See attributeMetaDescriptorDataType.
hostAttributes	attributeMetaDescriptorDataType	0..1	Host attributes for the license model. See attributeMetaDescriptorDataType.
needTimeZone	boolean	0..1	True if the TZ keyword must be set.

Complex Type: getFulfillmentAttributesDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentAttributes	attributeMetaDescriptorDataType	0..1	See attributeMetaDescriptorDataType.
needTimeZone	boolean	0..1	True if time zone must be set at fulfillment time.

Complex Type: getFulfillmentAttributesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModelIdentifier	licenseModelIdentifierType	1..1	Required. A **getFulfillmentAttributesRequest** contains a **licenseModelIdentifier** element identifying the license model whose attributes to return. See licenseModelIdentifierType.

Referenced By

Name	Type
getFulfillmentAttributesRequest	Element
getFulfillmentAttributesFromModel	Method

Complex Type: getFulfillmentAttributesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFulfillmentAttributesDataType</td><td>0..1</td><td>A list of license model attributes that are set at fulfillment time are contained in the responseData element. See getFulfillmentAttributesDataType.</td></tr>
</table>

Referenced By

Name	Type
getFulfillmentAttributesResponse	Element

Complex Type: getFulfillmentCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	fulfillmentsQueryParametersType	0..1	Required. See fulfillmentsQueryParametersType. Leave this element blank to return all fulfillments.
excludeInactiveObsoleteLineItems	boolean	0..1	

Referenced By

Name	Type
getFulfillmentCountRequest	Element
getFulfillmentCount	Method

Complex Type: getFulfillmentCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getFulfillmentCountResponseDataType	0..1	Contains an integer **count** element.

Referenced By

Name	Type
getFulfillmentCountResponse	Element

Complex Type: getFulfillmentHistoryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	Required. Activation ID of the activatable item whose fulfillment history is requested.
fulfillmentId	SimpleQueryType	0..1	Optional. To request a specific fulfillment ID for activationId.
userId	SimpleQueryType	0..1	Optional. To request fulfillments performed by this user on activationId.
count	NumberQueryType	0..1	Optional. To request fulfillments of activationId with this count.
policyOverridden	boolean	0..1	Optional. To request fulfillments for activationId for which a policy had to be overridden.
actionDateTime	DateTimeQueryType	0..1	Optional. To request fulfillments for activationId that were performed at this date and time. (Valid only for FlexNet Operations 8.3.0.3 and later.)

Content Model

Component	Type	Occurs	Description
lifeCycleAction	SupportLicenseType	0..1	Optional. To request fulfillments for activationId of one of the following license lifecycle action types: • ACTIVATED • RETURN • REPAIR • REHOST • STOPGAP • EMERGENCY • PUBLISHER_ERROR • UPGRADE • UPSELL • RENEW • REINSTALL • ACTIVATED_ONHOLD
fulfillmentSource	FulfillmentSourceType	0..1	Optional. See FulfillmentSourceType.
pageNumber	integer	0..1	Required. Starts at 1. Say the getFulfillmentCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	0..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getFulfillmentHistoryRequest	Element
getFulfillmentHistory	Method

Complex Type: getFulfillmentHistoryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>fulfillmentHistoryDataType</td><td>0..1</td><td>See fulfillmentHistoryDataType.</td></tr>
</table>

Referenced By

Name	Type
getFulfillmentHistoryResponse	Element

Complex Type: getFulfillmentPropertiesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	fulfillmentsQueryParametersType	1..1	Required. See fulfillmentsQueryParametersType.
fulfillmentResponseConfig	fulfillmentResponseConfigRequestType	1..1	See fulfillmentResponseConfigRequestType.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
pageNumber	integer	0..1	Required. Starts at 1. Say the getFulfillmentCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Referenced By

Name	Type
getFulfillmentPropertiesRequest	Element
getFulfillmentPropertiesQuery	Method

Complex Type: getFulfillmentPropertiesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
fulfillment	fulfillmentPropertiesType	0..*	See fulfillmentPropertiesType.

Referenced By

Name	Type
getFulfillmentPropertiesResponse	Element

Complex Type: getFulfillmentsQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	fulfillmentsQueryParametersType	0..1	Required. See fulfillmentsQueryParametersType.
pageNumber	integer	1..1	Required. Starts at 1. Say the getFulfillmentCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
includeLicenseText	boolean	0..1	Optional. Whether to include in the response the text of each individual license for each fulfillment. Default is true.
excludeInactiveObsoleteLineItems	boolean	0..1	
includeConsolidatedHostLicense	boolean	0..1	Optional. Whether to include in the response the text of one or more license files consolidated by host for all the fulfillments, if FlexNet Operations has been configured to use the SUPERSEDE keyword. If FlexNet Operations is not configured to use the SUPERSEDE keyword, the fulfillment's consolidated host license text is identical to the fulfillment's license text. Default is false.

Referenced By

Name	Type
getFulfillmentsQueryRequest	Element
getFulfillmentsQuery	Method

Complex Type: getFulfillmentsQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	fulfillmentDataType	0..*	See fulfillmentDataType.

Complex Type: getFulfillmentsQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFulfillmentsQueryResponseDataType</td><td>0..1</td><td>See getFulfillmentsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getFulfillmentsQueryResponse	Element

Complex Type: getHostAttributesDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostAttributes	attributeMetaDescriptorDataType	0..1	See attributeMetaDescriptorDataType.

Complex Type: getHostAttributesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseTechnologyIdentifier	licenseTechnologyIdentifierType	1..1	License technology of the product. See licenseTechnologyIdentifierType.
hostType	hostTypePKType	0..1	If a license technology has more than 1 host type, the host type must be specified. See hostTypePKType.

Referenced By

Name	Type
getHostAttributesRequest	Element
getHostAttributesFromLicenseTechnology	Method

Complex Type: getHostAttributesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getHostAttributesDataType	0..1	See getHostAttributesDataType.

Referenced By

Name	Type
getHostAttributesResponse	Element

Complex Type: getHostCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	hostQueryParametersType	0..1	

Referenced By

Name	Type
getHostCountRequest	Element
getHostCount	Method

Complex Type: getHostCountResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	1..1	

Complex Type: getHostCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all, items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed. A string will give the reason for a failure or partial failure.
responseData	getHostCountResponseDataType	0..1	Contains an integer count element.

Referenced By

Name	Type
getHostCountResponse	Element

Complex Type: getHostQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	hostQueryParametersType	0..1	Required. See hostQueryParametersType.
pageNumber	integer	1..1	Required. Starts at 1. If the **getHostCount** operation using the same query parameters returns 100 records, if the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getHostQueryRequest	Element
getHostQuery	Method

Complex Type: getHostQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostData	hostDataType	0..*	See hostDataType.
fulfillmentState	string	0..1	Returns one of the following: • ACTIVE • OBSOLETE • ON_HOLD

Complex Type: getHostQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all, items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed. A string will give the reason for a failure or partial failure.
responseData	getHostQueryResponseDataType	0..1	See getHostQueryResponseDataType.

Referenced By

Name	Type
getHostQueryResponse	Element

HOSTComplex Type: hostDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
soldTo	string	1..1	sold_to_displayname of the HOST.
licenseTechnology	licenseTechnologyIdentifierType	0..1	License technology of the product. See licenseTechnologyIdentifierType.
state	StateType	0..1	State of the HOST. One of the following: • ACTIVE • OBSOLETE • ON_HOLD
hostID	string	0..1	hostID of the HOST.
hostType	string	0..1	
account	string	0..1	Account associated with the HOST.

Complex Type: hostIdDataDetailsType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
serverHost	ServerIDsType	0..1	Provide one or three license server machine hostids if a server hostid is required by the license model. See ServerIDsType.
nodeLockHost	string	0..1	Provide one node-locked hostid if the license model is a node-locked uncounted model.
countedNodeLockHostIds	NodeIDsType	0..1	Provide one or more node-locked hostids if the license model is a node-locked counted model. See NodeIDsType.
customHost	CustomHostIDType	0..1	Optional. See CustomHostIDType.
countFromParent	integer	0..1	Fulfill count to be assigned to this license that comes from re-activating seats from a previous fulfillment on the same host.
countFromOwn	integer	0..1	Fulfill count to be assigned to this license that is taken directly from the available count of the child activatable item, without re-activating any previous fulfillments on the same host.
parentActivationId	string	0..1	If setting **countFromParent**, specify the activation ID of the fulfillment that is made obsolete to be re-activated.

Complex Type: hostIdDataSetType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdData	hostIdDataType	1..*	Required. See hostIdDataType.

Complex Type: hostIdDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
serverIds	ServerIDsType	0..1	Provide one or three license server machine hostids if a server hostid is required by the license model. See ServerIDsType.
nodeIds	NodeIDsType	0..1	Provide one or more node-locked hostids if a node-locked hostid is required by the license model. See NodeIDsType.
customHost	CustomHostIDType	0..1	Optional. See customHostIDType.

Complex Type: hostIdDetailsType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdData	hostIdDataDetailsType	1..*	Required. Each **hostIdData** element specifies the fulfill count for a particular hostid configuration. The fulfill count that you specify for this host can come from two sources: copies that are available directly from the child line item and copies that are available by re-activating previous parent fulfillments on this host. See hostIdDataDetailsType.

Complex Type: hostQueryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

hostId	SimpleQueryType	0..1	Optional. A **hostId** element contains:
			• **value**—A string to match part or all of any of the server or node-locked host ids.
			• **searchType**—One of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

soldTo	SimpleQueryType	0..1	Optional. A **soldTo** element contains:
			• **value**—A string to match part or all of the sold-to account.
			• **searchType**—One of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

licenseTechnology	SimpleQueryType	0..1	Optional. A **licenseTechnology** element contains:
			• **value**—A string to match part or all of the license technology.
			• **searchType**—One of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

hostType	SimpleQueryType	0..1	Optional. A **hostType** element contains:
			• **value**—A string to match part or all of the license technology.
			• **searchType**—One of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

account	SimpleQueryType	0..1	Optional. An **account** element contains:
			• **value**—A string to match part or all of the license technology.
			• **searchType**—One of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

fulfillmentState	fulfillmentStateQueryType	0..1	Optional. A **fulfillmentState** element contains:
			• **value**—A StateType value of ACTIVE, ON_HOLD or OBSOLETE to match part or all of the state value.
			• **searchType**—One of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Complex Type: hostTypePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the host type.

Complex Type: licenseFileDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseFile	licenseFileDataType	0..*	See licenseFileDataType.

Complex Type: licenseFileDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseFileDefinitionName	string	1..1	Name of the license file definition file.
licenseText	string	0..1	Text of license certificate. Deprecated in favor of licenseFiles element; included for backwards compatibility.
binaryLicense	base64Binary	0..1	If the license file type is binary, provide the binary license. Deprecated in favor of licenseFiles element; included for backwards compatibility.
fileName	string	0..1	The name of the license file.

Complex Type: licenseGeneratorIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license generator configuration.
primaryKeys	licenseGeneratorPKType	0..1	Database primary key of the license generator configuration—string containing the **name** of the license generator configuration.

Complex Type: licenseGeneratorPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license generator configuration.

Complex Type: licenseModelIdentifierType

Description

In the request, specify *either* **uniqueId** *or* **primaryKeys** to uniquely specify the license model, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license model.
primaryKeys	licenseModelPKType	0..1	Database primary key of the license model—a string containing the **name** of the license model.

Complex Type: licenseModelPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license model.

Complex Type: licenseTechnologyIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license technology.
primaryKeys	licenseTechnologyPKType	0..1	Database primary key of the license technology—string containing the **name** of the license technology.

Complex Type: licenseTechnologyPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license technology.

Complex Type: maintenanceIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the maintenance product.
primaryKeys	maintenancePKType	0..1	Database primary key of the maintenance product—strings containing the **name** and **version** of the maintenance product.

Complex Type: maintenancePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the maintenance product.
version	string	1..1	The **version** of the maintenance product.

Complex Type: NodeIDsType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
nodeId	string	1..*	Required. Provide one or more node-locked hostids if a node-locked hostid is required by the license model. If the license model is node-locked uncounted, one license certificate is generated (and one fulfill count is consumed) for each hostid that is provided. If the license model is node-locked counted, multiple node-locked hostids all appear together on a single feature line.

Complex Type: onHoldFmtLicenseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentId	string	1..1	FulfillmentID of the on-hold fulfillment.
textLicense	string	0..1	If the license file type for the fulfillment record is text, provide the text license.
binaryLicense	base64Binary	0..1	If the license file type for the fulfillment record is binary, provide the binary license.
licenseFiles	licenseFileDataListType	0..1	See licenseFileDataListType.

Complex Type: onholdFulfillmentListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
onholdFmtLicenseData	onHoldFmtLicenseDataType	1..*	See onHoldFmtLicenseDataType.

Complex Type: overDraftDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationIdMap	activationIdOverDraftMapType	1..*	**overDraftData** contains one or more **activationIdMap** elements. See activationIdOverDraftMapType.

Complex Type: partNumberIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the part number.
primaryKeys	partNumberPKType	0..1	Database primary key of the part number—string containing the **partId** of the part number.

Complex Type: partNumberIdentifierWithModelType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the part number.
primaryKeys	partNumberPKType	0..1	Database primary key of the part number—a string containing the **partId** of the part number.
licenseModel	licenseModelIdentifierType	0..1	Optional, if you want to map a part number for a product to one specific license model linked to the product. See licenseModelIdentifierType.

Complex Type: partNumberPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partId	string	1..1	The part ID of the part number.

Complex Type: productIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the product, not both.

Note: *In the License service and Entitlement Order service, productIdentifierType is used to identify products, maintenance products, and suites. In the Product Packaging Service, each has its own identifier type.*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the product.
primaryKeys	productPKType	0..1	Database primary key of the product—strings containing the **name** and **version** of the product.

Complex Type: productIdentifierWithCountDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	Required. See productIdentifierType.
count	positiveInteger	1..1	Required. Positive integer that indicates the cardinality of the product in the suite.

Complex Type: productPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the product.
version	string	1..1	The **version** of the product.

Complex Type: publisherAttributesListDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	simpleAttributeDataType	1..*	An attribute element contains two strings: • **attributeName** • **attributeValue**

Complex Type: publisherErrorFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..1	See fulfillmentIdentifierType.
licenseModelAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).
shipToEmail	string	0..1	Optional. Email address of a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Optional. Postal address of the sold-to account.
serverIds	ServerIDsType	0..1	See ServerIDsType.
nodeIds	NodeIDsType	0..1	See NodeIDsType.
customHost	CustomHostIDType	0..1	See CustomHostIDType.
fulfillCount	integer	0..1	Required. Seat count of the fulfillment.
overridePolicy	boolean	0..1	Optional. Whether to override the policy for publisher error licenses for this activation ID, if the limit has been reached.

Complex Type: publisherErrorFulfillmentRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	publisherErrorFulfillment DataType	1..*	See publisherErrorFulfillmentDataType.

Referenced By

Name	Type
publisherErrorLicenseRequest	Element
publisherErrorLicense	Method

Complex Type: publisherErrorFulfillmentResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	integer	1..1	Index of the fulfillment in the publisher error license request, starting at 1.
fulfillment	fulfillmentDataType	0..1	See fulfillmentDataType.

Complex Type: publisherErrorFulfillmentResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	publisherErrorResponseDataType	0..1	See publisherErrorResponseDataType.
failedData	failedPublisherErrorResponselistDataType	0..1	See failedPublisherErrorResponselistDataType.

Referenced By

Name	Type
publisherErrorLicenseResponse	Element

Complex Type: publisherErrorResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentData	publisherErrorFulfillmentResponseDataType	0..*	See publisherErrorFulfillmentResponseDataType.

Complex Type: rehostFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..1	Required. See fulfillmentIdentifierType.
serverIds	ServerIDsType	0..1	Provide one or three license server machine hostids if a server hostid is required by the license model. See ServerIDsType.
nodeIds	NodeIDsType	0..1	Provide one or more node-locked hostids if a node-locked hostid is required by the license model. See NodeIDsType.
customHost	CustomHostIDType	0..1	Optional. See CustomHostIDType.
partialCount	integer	0..1	If not specified, defaults to the entire fulfill count in the original fulfillment.
overDraftCount	integer	0..1	If not specified, defaults to the entire overdraft count in the original fulfillment. Can set only if **partialCount** is set.
overridePolicy	boolean	0..1	Optional. Whether to override the policy for rehosts for this activation ID, if the limit has been reached.

Complex Type: rehostFulfillmentRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	rehostFulfillmentDataType	1..*	Required. A **rehostLicenseRequest** contains an array of **fulfillment** elements. See rehostFulfillmentDataType.

Referenced By

Name	Type
rehostLicenseRequest	Element
rehostLicense	Method

Complex Type: rehostFulfillmentResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	integer	1..1	Index of the fulfillment in the rehost request, starting at 1 (integer).
fulfillment	fulfillmentDataType	1..2	Array of fulfillment records of type fulfillmentDataType. See fulfillmentDataType.

Complex Type: rehostFulfillmentResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>rehostResponseDataType</td><td>0..1</td><td>Information about the fulfillments that were rehosted is listed in the responseData element. See rehostResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedRehostResponselistDataType</td><td>0..1</td><td>Information about the fulfillments that were not rehosted is listed in the failedData element. See failedRehostResponselistDataType.</td></tr>
</table>

Referenced By

Name	Type
rehostLicenseResponse	Element

Complex Type: rehostResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentData	rehostFulfillmentResponseDataType	0..*	**responseData** contains one or more **fulfillmentData** elements. See rehostFulfillmentResponseDataType.

Complex Type: repairedShortCodeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCode	string	1..1	Repair response string.

Complex Type: repairFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..1	Required. See fulfillmentIdentifierType.
licenseModelAttributes	attributeDescriptorDataType	0..1	Modify editable fulfillment-time license model attributes. See attributeDescriptorDataType.
overridePolicy	boolean	0..1	Optional. Whether to override the policy for repairs for this activation ID, if the limit has been reached.
FNPTimeZoneValue	string	0..1	The time zone value is given as the contents of the name column of the time zone entry in the PROD_FNP_TIMEZONE table (not the time zone string that will be written into the license file).

Complex Type: repairFulfillmentRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	repairFulfillmentDataType	1..*	Required. A **repairLicenseRequest** contains an array of **fulfillment** elements. See repairFulfillmentDataType.

Referenced By

Name	Type
repairLicenseRequest	Element
repairLicense	Method

Complex Type: repairFulfillmentResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	integer	1..1	Index of the fulfillment in the repair request, starting at 1 (integer).
fulfillment	fulfillmentDataType	0..1	Fulfillment record of type fulfillmentDataType. See fulfillmentDataType.

Complex Type: repairFulfillmentResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	repairResponseDataType	0..1	Information about the fulfillments that were repaired is listed in the **responseData** element. See repairResponseDataType.
failedData	failedRepairResponselistDataType	0..1	Information about the fulfillments that were not repaired is listed in the **failedData** element. See failedRepairResponselistDataType.

Referenced By

Name	Type
repairLicenseResponse	Element

Complex Type: repairResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentData	repairFulfillmentResponseDataType	0..*	**responseData** contains one or more **fulfillmentData** elements. See repairFulfillmentResponseDataType.

Complex Type: repairShortCodeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCode	string	1..1	Required. The repair short code is generated by an activation utility at the customer site and is delivered to the publisher.
webRegKey	string	1..1	Required. Web register key (also known as activation ID in FlexNet Operations; entitlement ID in FlexNet Licensing) that was originally activated.
publisherAttributes	publisherAttributesListDataType	0..1	Activation clients can send fulfillment time attributes along with the short code and the activation ID. See the documentation for custom policy attributes (getPublisherSpecificData() method) and see publisherAttributesListDataType.
overridePolicy	boolean	0..1	Optional. Whether to override the policy for repairs for this activation ID, if the limit has been reached.

Complex Type: repairShortCodeRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCodeData	repairShortCodeDataType	0..1	Required. A **repairShortCodeRequest** contains a **shortCodeData** element. See repairShortCodeDataType.

Referenced By

Name	Type
repairShortCodeRequest	Element
repairShortCode	Method

Complex Type: repairShortCodeResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—The request was processed.
• FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRepairShortCodeDataType</td><td>0..1</td><td>Information about a short code repair response that was not generated is listed in the failedData element. See failedRepairShortCodeDataType.</td></tr>
<tr><td>responseData</td><td>repairedShortCodeDataType</td><td>0..1</td><td>Information about a short code repair response that was generated is listed in the responseData element. responseData contains a shortCode repair response string. This response is delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Referenced By

Name	Type
repairShortCodeResponse	Element

Complex Type: returnedShortCodeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCode	string	1..1	Return response string.

Complex Type: returnFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..1	Required. See fulfillmentIdentifierType.
partialCount	integer	0..1	If not specified, defaults to the entire fulfill count in the original fulfillment.
overDraftCount	integer	0..1	If not specified, defaults to the entire overdraft count in the original fulfillment. Can set only if **partialCount** is set.
overridePolicy	boolean	0..1	Optional. Whether to override the policy for returns for this activation ID, if the limit has been reached.
forceReturnOfThisTrustedFulfillment	boolean	0..1	Optional. Whether to force return of the trusted fulfillment.

Complex Type: returnFulfillmentRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	returnFulfillmentDataType	1..*	Required. A **returnLicenseRequest** contains an array of **fulfillment** elements. See returnFulfillmentDataType.

Referenced By

Name	Type
returnLicenseRequest	Element
returnLicense	Method

Complex Type: returnFulfillmentResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	integer	1..1	Index of the fulfillment in the return request, starting at 1 (integer).
fulfillment	fulfillmentDataType	0..1	Fulfillment record of type fulfillmentDataType. See fulfillmentDataType

Complex Type: returnFulfillmentResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>returnResponseDataType</td><td>0..1</td><td>Information about the fulfillments that were returned is listed in the responseData element. For returnLicense, this data is only populated in the case of a partial return, not a successful one. See returnResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedReturnResponselistDataType</td><td>0..1</td><td>Information about the fulfillments that were not returned is listed in the failedData element. See failedReturnResponselistDataType.</td></tr>
</table>

Referenced By

Name	Type
returnLicenseResponse	Element

Complex Type: returnResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentData	returnFulfillmentResponseDataType	0..*	**responseData** contains one or more **fulfillmentData** elements. See returnFulfillmentResponseDataType.

Complex Type: returnShortCodeDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCode	string	1..1	Required. The return short code is generated by an activation utility at the customer site and is delivered to the publisher.
webRegKey	string	1..1	Required. Web register key (also known as activation ID in FlexNet Operations; entitlement ID in FlexNet Licensing) that was originally activated.
publisherAttributes	publisherAttributesListDataType	0..1	Activation clients can send fulfillment time attributes along with the short code and the activation ID. See the documentation for custom policy attributes (getPublisherSpecificData() method) and see publisherAttributesListDataType.
overridePolicy	boolean	0..1	Optional. Set overridePolicy to true or false to permit or prevent rehost policy overrides (when the return reason is REHOST). Default: False. ***Note:*** *To successfully override the return or rehost policy, the user who submits the returnShortCode request must have the Override Policies permission.*

Complex Type: returnShortCodeRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCodeData	returnShortCodeDataType	0..1	Required. A **returnShortCodeRequest** contains a **shortCodeData** element. See returnShortCodeDataType.
returnReason	ReturnedShortCodeReturnReason	0..1	Optional. The **returnReason** value can be: • UPGRADE • UPSELL • RENEW • REHOST The **returnReason** value affects which policy FlexNet Operations checks for the return—return policy or rehost policy. If the return reason is REHOST, the rehost policy is checked. For any other return reason or if no reason is specified, the return policy is checked.

Referenced By

Name	Type
returnShortCodeRequest	Element
returnShortCode	Method

Complex Type: returnShortCodeResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—The request was processed. • FAILURE—The request was not processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason if failure.</td></tr></table>
failedData	failedReturnShortCodeDataType	0..1	Information about a short code return response that was not generated is listed in the failedData element. See failedReturnShortCodeDataType.
responseData	returnedShortCodeDataType	0..1	Information about a short code return response that was generated is listed in the **responseData** element. **responseData** contains a **shortCode** return response string. This response is delivered back to the customer to enter into an activation utility.

Referenced By

Name	Type
returnShortCodeResponse	Element

Complex Type: roleIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Role ID.
primaryKeys	rolePKType	0..1	Name of the role.

Complex Type: rolePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the role.

Complex Type: ServerIDsType

Description

Provide exactly one or three (for a redundant license server) server hostids.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
server1	string	1..1	Required.
server2	string	0..1	Optional. Specify **server1** and both **server2** and **server3** for a set of redundant license servers.
server3	string	0..1	Optional. Specify **server1** and both **server2** and **server3** for a set of redundant license servers.

Complex Type: setLicenseRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
onholdFulfillmentList	onholdFulfillmentListType	1..1	See onholdFulfillmentListType.

Referenced By

Name	Type
setLicenseRequest	Element
setLicense	Method

Complex Type: setLicenseResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedSetLicenseOnholdFulfillmentListType</td><td>0..1</td><td>Populated if setting the license failed. See failedSetLicenseOnholdFulfillmentListType.</td></tr>
</table>

Referenced By

Name	Type
setLicenseResponse	Element

Complex Type: stopGapFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..1	See fulfillmentIdentifierType.
startDate	date	1..1	Required. Date that the license starts.
endDate	date	1..1	Required. Date that the license ends.
shipToEmail	string	0..1	Optional. Email address of a contact in the sold-to account where license certificates are shipped.
shipToAddress	string	0..1	Optional. Postal address of the sold-to account.

Complex Type: stopGapFulfillmentRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	stopGapFulfillmentDataType	1..*	See stopGapFulfillmentDataType.

Referenced By

Name	Type
stopGapLicenseRequest	Element
stopGapLicense	Method

Complex Type: stopGapFulfillmentResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	integer	1..1	Index of the fulfillment in the stop-gap license request, starting at 1.
fulfillment	fulfillmentDataType	0..1	See fulfillmentDataType.

Complex Type: stopGapFulfillmentResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th></th><th></th><th></th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>stopGapResponseDataType</td><td>0..1</td><td>See stopGapResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedStopGapResponselistDataType</td><td>0..1</td><td>See failedStopGapResponselistDataType.</td></tr>
</table>

Referenced By

Name	Type
stopGapLicenseResponse	Element

Complex Type: stopGapResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentData	stopGapFulfillmentResponseDataType	0..*	See stopGapFulfillmentResponseDataType.

Complex Type: suiteIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the suite.
primaryKeys	suitePKType	0..1	Database primary key of the suite—strings containing the **name** and **version** of the suite.

Complex Type: suitePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the suite.
version	string	1..1	Version of the suite.

Complex Type: transferHostIdDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
soldTo	string	1..1	The name of a source account for the host transfer.
serverIds	ServerIDsType	0..1	Provide one or three license server machine host IDs if the host is identified by a server host ID. See ServerIDsType.
nodeId	string	0..1	Provide one or more node-locked host IDs if the host is identified by a nodelocked host ID.
customHostId	string	0..1	Provide a custom host ID if the host is identified by a custom host ID.
customHostType	string	0..1	The custom host type associated with customHostId. (Required when the host is identified by a custom host ID.)
customLicenseTechnology	string	0..1	The license technology associated with customHostId. (Required when the host is identified by a custom host ID.)

Complex Type: transferHostList

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdentifier	transferHostIdDataType	1..*	One or more hosts identified with a transferHostIdDataType. See transferHostIdDataType.

Complex Type: transferHostRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sourceHosts	transferHostList	1..1	Required. See transferHostList.
soldTo	string	0..1	A string that identifies the target account by its account name.
poolEntitlements	boolean	0..1	True, if existing, matching line items at the target account are to be pooled. False, to always create new line items at the target account.

Referenced By

Name	Type
transferHostRequest	Element
transferHost	Method

Complex Type: transferHostResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedTransferHostListDataType</td><td>0..1</td><td>Information about the line items that were not added is listed in the failedData element. See failedTransferHostListDataType.</td></tr>
</table>

Referenced By

Name	Type
transferHostResponse	Element

Complex Type: trustedKeyIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the transaction key.
primaryKeys	trustedKeyPKType	0..1	Database primary key of the transaction key—a string containing the **keyName** of the transaction key.

Complex Type: trustedKeyPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
keyName	string	1..1	**keyName** of the transaction key.

Complex Type: trustedRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
inputData	activationDataType	1..1	Required. A **manualActivationRequest** contains a single **inputData** element. See activationDataType.

Referenced By

Name	Type
manualActivationRequest	Element
manualRepairRequest	Element
manualReturnRequest	Element
manualActivation	Method
manualRepair	Method
manualReturn	Method

Complex Type: trustedResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—The request was processed. • FAILURE—The request was not processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason if failure.</td></tr></table>
responseData	activationDataType	0..1	If the request was processed successfully, **responseData** contains an XML response string in an **activationData** element. This response is saved in a file and delivered back to the customer to enter into an activation utility.

Referenced By

Name	Type
manualActivationResponse	Element
manualRepairResponse	Element
manualReturnResponse	Element

Complex Type: typeLineItem

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	NonEmptyString	1..1	Required. The activation ID of the activatable item whose license being generated.
Reason	string	0..1	Optional. This must be an integer value from 0 to 9. A value of 1 indicates a re-install. All other values are considered to be a new installation. (For a served trusted license model, the behavior of a reinstall is different than a new installation.)
Count	string	0..1	Optional. Specify the seat count for this activatable item, if required by the license model. The count can be an integer or the string, **all**. Required for served license models. The fulfill count for an uncounted license model is always 1, regardless of the count value in the request.
VendorDictionary	Dictionary	0..1	Optional. A collection of fulfillment-time attributes (either FlexNet or custom license attributes). See Dictionary.

Complex Type: updateEntitledProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitledProducts	entitledProductDataType	0..*	See entitledProductDataType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each entitlement to be modified: • REPLACE • ADD • DELETE

Complex Type: userIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	User's unique ID.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.

Complex Type: userPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
firstName	string	1..1	User's first name.
lastName	string	1..1	User's last name.
emailAddress	string	1..1	User's email address.
phoneNumber	string	0..1	User's phone number.

Complex Type: valueType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	0..*	Valid values for a MULTI_VALUED_TEXT license model attribute.

Complex Type: verifiedFulfillmentDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	Index of the verification in the request, starting at 1.

Complex Type: versionDateAttributesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
versionOption	VersionDateOptionType	1..1	Required. One of the following: • DEFINE_NOW • USE_START_DATE • USE_ACTIVATION_DATE • DEFINE_VERSION_STARTDATE_LATER • DEFINE_VERSION_DATE_LATER
duration	DurationType	0..1	See DurationType.

Complex Type: VersionFormatQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	VersionFormatType	1..1	VersionFormatType of FIXED or DATE_BASED.
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Simple Types: LicenseService

Simple Types

Name
FulfillmentSourceType
StatusType

Simple Type: FulfillmentSourceType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
ONLINE	
APPLICATION	

Simple Type: StatusType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
SUCCESS	
FAILURE	
PARTIAL_FAILURE	

Elements: LicenseService

Elements

Name	Description
activateLicensesRequest	An **activateLicensesRequest** message contains an element of activateLicensesRequestType.
activateLicensesResponse	An **activateLicensesResponse** message contains an element of activateLicensesResponseType.
activateShortCodeRequest	An **activateShortCodeRequest** message contains an element of activateShortCodeRequestType.
activateShortCodeResponse	An **activateShortCodeResponse** message contains an element of activateShortCodeResponseType.
consolidateFulfillmentsRequest	A **consolidateFulfillmentsRequest** message contains an element of consolidateFulfillmentsRequestType.
consolidateFulfillmentsResponse	A **consolidateFulfillmentsResponse** message contains an element of consolidateFulfillmentsResponseType.
createChildLineItemFulfillmentRequest	A **createChildLineItemFulfillmentRequest** message contains an element of createChildLineItemFulfillmentRequestType.
createChildLineItemFulfillmentResponse	A **createChildLineItemFulfillmentResponse** message contains an element of createChildLineItemFulfillmentResponseType. Each fulfillment in the **createChildLineItemFulfillmentRequest** is created as an atomic unit; creating each either succeeds or fails.
createCVDFulfillmentsRequest	
createCVDFulfillmentsResponse	
createCVDLicenseFileRequest	
createCVDLicenseFileResponse	
createLicenseRequest	A **createLicenseRequest** message contains an element of createFulfillmentRequestType.
createLicenseResponse	A **createLicenseResponse** message contains an element of createFulfillmentResponseType.
createLicensesAsBatchAndConsolidateRequest	A **createLicensesAsBatchAndConsolidateRequest** message contains an element of createLicensesAsBatchRequestType.
createLicensesAsBatchAndConsolidateResponse	A **createLicensesAsBatchAndConsolidateResponse** message contains an element of consolidateFulfillmentsResponseType.
createLicensesAsBatchRequest	A **createLicensesAsBatchRequest** message contains an element of createLicensesAsBatchRequestType.
createLicensesAsBatchResponse	A **createLicensesAsBatchResponse** message contains an element of createLicensesAsBatchResponseType.
deleteOnholdFulfillmentsRequest	A **deleteOnholdFulfillments** message contains an element of deleteOnholdFulfillmentsRequestType.
deleteOnholdFulfillmentsResponse	A **deleteOnholdFulfillmentsResponse** message contains an element of deleteOnholdFulfillmentsResponseType.
emailConsolidatedLicensesRequest	An **emailConsolidatedLicensesRequest** message contains an element of emailConsolidatedLicensesRequestType.

Elements

Name	Description
emailConsolidatedLicensesResponse	An **emailConsolidatedLicenseResponse** message contains an element of emailConsolidatedLicenseResponseType.
emailLicenseRequest	An **emailLicenseRequest** message contains an element of emailLicenseRequestType.
emailLicenseResponse	An **emailLicenseResponse** message contains an element of emailLicenseResponseType.
emergencyLicenseRequest	An **emergencyLicenseRequest** message contains an element of emergencyFulfillmentRequestType.
emergencyLicenseResponse	An **emergencyLicenseResponse** message contains an element of emergencyFulfillmentResponseType.
getConsolidatedFulfillmentCountRequest	A **getConsolidatedFulfillmentCountRequest** message contains an element of getConsolidatedFulfillmentCountRequestType.
getConsolidatedFulfillmentCountRespons e	A **getConsolidatedFulfillmentCountResponse** message contains an element of getConsolidatedFulfillmentCountResponseType.
getConsolidatedFulfillmentsQueryReques t	A **getConsolidatedFulfillmentsQueryRequest** message contains an element of getConsolidatedFulfillmentsQueryRequestType.
getConsolidatedFulfillmentsQueryRespon se	A **getConsolidatedFulfillmentsQueryResponse** message contains an element of getConsolidatedFulfillmentsQueryResponseType.
getFmtAttributesForBatchActivationRequ est	A **getFmtAttributesForBatchActivationRequest** message contains an element of getFmtAttributesForBatchActivationRequestType.
getFmtAttributesForBatchActivationResp onse	A **getFmtAttributesForBatchActivationResponse** message contains an element of getFmtAttributesForBatchActivationResponseType.
getFulfillmentAttributesRequest	A **getFulfillmentAttributesRequest** message contains an element of getFulfillmentAttributesRequestType.
getFulfillmentAttributesResponse	A **getFulfillmentAttributesResponse** message contains an element of getFulfillmentAttributesResponseType.
getFulfillmentCountRequest	A **getFulfillmentCountRequest** message contains an element of getFulfillmentCountRequestType.
getFulfillmentCountResponse	A **getFulfillmentCountResponse** message contains an element of getFulfillmentCountResponseType.
getFulfillmentHistoryRequest	A **getFulfillmentHistoryRequest** message contains an element of getFulfillmentHistoryRequestType.
getFulfillmentHistoryResponse	A **getFulfillmentHistoryResponse** message contains an element of getFulfillmentHistoryResponseType.
getFulfillmentPropertiesRequest	A **getFulfillmentPropertiesRequest** message contains an element of getFulfillmentPropertiesRequestType.
getFulfillmentPropertiesResponse	A **getFulfillmentPropertiesResponse** message contains an element of getFulfillmentPropertiesResponseType.
getFulfillmentsQueryRequest	A **getFulfillmentsQueryRequest** message contains an element of getFulfillmentsQueryRequestType.
getFulfillmentsQueryResponse	A **getFulfillmentsQueryResponse** message contains an element of getFulfillmentsQueryResponseType.

Elements

Name	Description
getHostAttributesRequest	A **getHostAttributesRequest** message contains an element of getHostAttributesRequestType.
getHostAttributesResponse	A **getHostAttributesFromLicenseTechnology** message contains an element of getHostAttributesResponseType.
getHostCountRequest	
getHostCountResponse	
getHostQueryRequest	
getHostQueryResponse	
manualActivationRequest	A **manualActivationRequest** message contains an element of trustedRequestType.
manualActivationResponse	A **manualActivationResponse** message contains an element of trustedResponseType.
manualRepairRequest	A **manualRepairRequest** message contains an element of trustedRequestType.
manualRepairResponse	A **manualRepairResponse** message contains an element of trustedResponseType.
manualReturnRequest	A **manualReturnRequest** message contains an element of trustedRequestType.
manualReturnResponse	A **manualReturnResponse** message contains an element of trustedResponseType.
publisherErrorLicenseRequest	A **publisherErrorLicenseRequest** message contains an element of publisherErrorFulfillmentRequestType.
publisherErrorLicenseResponse	A **publisherErrorLicenseResponse** message contains an element of publisherErrorFulfillmentResponseType.
rehostLicenseRequest	A **rehostLicenseRequest** message contains an element of rehostFulfillmentRequestType.
rehostLicenseResponse	A **rehostLicenseResponse** message contains an element of rehostFulfillmentResponseType. Each fulfillment in the **rehostLicenseRequest** is rehosted as an atomic unit; rehosting each either succeeds or fails
renewFulfillmentRequest	A **renewFulfillmentRequest** message contains an element of advancedFulfillmentLCRequestType.
renewFulfillmentResponse	A **renewFulfillmentResponse** message contains an element of advancedFulfillmentLCResponseType. Each fulfillment in the **renewFulfillmentRequest** is created as an atomic unit; creating each either succeeds or fails.
repairLicenseRequest	A **repairLicenseRequest** message contains an element of repairFulfillmentRequestType.
repairLicenseResponse	A **repairLicenseResponse** message contains an element of repairFulfillmentResponseType. Each fulfillment in the **repairLicenseRequest** is repaired as an atomic unit; repairing each either succeeds or fails.

Elements

Name	Description
repairShortCodeRequest	A **repairShortCodeRequest** message contains an element of repairShortCodeRequestType.
repairShortCodeResponse	A **repairShortCodeResponse** message contains an element of repairShortCodeResponseType.
returnLicenseRequest	A **returnLicenseRequest** message contains an element of returnFulfillmentRequestType.
returnLicenseResponse	A **returnLicenseResponse** message contains an element of returnFulfillmentResponseType. Each fulfillment in the **returnLicenseRequest** is returned as an atomic unit; returning each either succeeds or fails.
returnShortCodeRequest	A **returnShortCodeRequest** message contains an element of returnShortCodeRequestType.
returnShortCodeResponse	A **returnShortCodeResponse** message contains an element of returnShortCodeResponseType.
setLicenseRequest	A **setLicenseRequest** message contains an element of setLicenseRequestType.
setLicenseResponse	A **setLicenseResponse** message contains an element of setLicenseResponseType.
stopGapLicenseRequest	A **stopGapLicenseRequest** message contains an element of stopGapFulfillmentRequestType.
stopGapLicenseResponse	A **stopGapLicenseResponse** message contains an element of stopGapFulfillmentResponseType.
transferHostRequest	A **transferHostRequest** message contains an element of transferHostRequestType.
transferHostResponse	A **transferHostResponse** message contains an element of transferHostResponseType. Each entitlement in the **transferHostResponseType** is transferred as an atomic unit; transferring each either succeeds or fails.
upgradeFulfillmentRequest	An **upgradeFulfillmentRequest** message contains an element of advancedFulfillmentLCRequestType.
upgradeFulfillmentResponse	An **upgradeFulfillmentResponse** message contains an element of advancedFulfillmentLCResponseType. Each fulfillment in the **upgradeFulfillmentRequest** is created as an atomic unit; creating each either succeeds or fails.
upsellFulfillmentRequest	An **upsellFulfillmentRequest** message contains an element of advancedFulfillmentLCRequestType.
upsellFulfillmentResponse	An **upsellFulfillmentResponse** message contains an element of advancedFulfillmentLCResponseType. Each fulfillment in the **upsellFulfillmentRequest** is created as an atomic unit; creating each either succeeds or fails.
verifyCreateLicenseRequest	A **verifyCreateLicenseRequest** message contains an element of createFulfillmentRequestType.
verifyCreateLicenseResponse	A **verifyCreateLicenseResponse** message contains an element of createFulfillmentResponseType.

Element: activateLicensesRequest

Description

An **activateLicensesRequest** message contains an element of activateLicensesRequestType.

Derived By

Type activateLicensesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItem	typeLineItem	1..*	Required. See typeLineItem.
shipToEmail	string	0..1	Optional. Email address for a contact in the sold-to account where licenses are shipped. You can provide a different email address from any already set in the entitlement.
shipToAddress	string	0..1	Optional. Postal address for the sold-to account. May already be set in the entitlement.
soldTo	string	0..1	Optional. Provide a sold-to account for the license if one is required. If specified for a web register key, soldTo sets the end customer account in the entitlement that is created.
owner	string	0..1	Optional. Specifies the end customer contact. If specified for a web register key, owner sets the end customer contact in the entitlement that is created.
hostInfo	string	1..1	Required. An XML structure that is generated by an empty **–new** request from a v2 activation utility on the machine where the trusted fulfillment will be applied. For successful response processing, hostInfo must reflect the state of trusted storage on the host machine at the time the response is applied.

Referenced By

Name	Type
offlineFNPTrustedStorageActivation	Method

XML Example

The following XML fragment illustrates an **activateLicensesRequest** message:

```
<activateLicensesRequest>
  <lineItem>
    <activationId>Ent_basic_1</activationId>
    <Reason>5</Reason>
    <Count>5</Count>
```

XML Example

```
      <VendorDictionary>
        <Entries>
          <Entry>
            <Key>Key1</Key>
            <Value>Value1</Value>
          </Entry>
        </Entries>
      </VendorDictionary>
    </lineItem>
    <soldTo>MyCustomerAcct</soldTo>
    <hostInfo>****</hostInfo>
  </activateLicensesRequest>
```

Element: activateLicensesResponse

Description

An **activateLicensesResponse** message contains an element of activateLicensesResponseType.

Derived By

Type activateLicensesResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—The request was processed.
FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedLineItem</td><td>0..1</td><td>Information about an entitlement line item that failed to activate in the failedData element. failedLineItem contains a single activationID element as a string.</td></tr>
<tr><td>resultData</td><td>string</td><td>0..1</td><td>The XML response to be saved as a fulfillment response file.</td></tr>
</table>

Referenced By

Name	Type
offlineFNPTrustedStorageActivation	Method

XML Example

The following XML fragment illustrates a successful **activateLicensesResponse** message:

```
<activateLicensesResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <resultData>***</resultData>
```

XML Example

```
</activateLicensesResponse>
```

The following XML fragment illustrates a failed **activateLicensesResponse** message:

```
<activateLicensesResponse>
  <statusInfo>
    <status>FAILURE</status>
    <reason>9999; The activation of the fulfillment is denied by the activation policy because fulfill count
    exceeded the available seat count. [Incident# 8961-7529]</reason>
  </statusInfo>
  <failedData>
    <activationId>se-ea-1</activationId>
  </failedData>
  </activateLicensesResponse>
```

Element: activateShortCodeRequest

Description

An **activateShortCodeRequest** message contains an element of activateShortCodeRequestType.

Derived By

Type activateShortCodeRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCodeData	createShortCodeDataType	0..1	Required. An **activateShortCodeRequest** contains a single **shortCodeData** element. See createShortCodeDataType.

Referenced By

Name	Type
activateShortCode	Method

XML Example

The following XML fragment illustrates an **activateShortCodeRequest** message that overrides default activation behavior to do a reinstall:

```
<activateShortCodeRequest>
  <shortCodeData>
    <webRegkey>WRK-1</webRegkey>
    <shortCode>189603928568052437252111063433875295</shortCode>
    <shortCodeActivationType>REINSTALL</shortCodeActivationType>
    <!--optional:-->
    <reinstallFulfillment>
      <primaryKeys>
        <fulfillmentId>FID__52cc8d30_1320356c5cd__7ff8</fulfillmentId>
      </primaryKeys>
    </reinstallFulfillment>
  </shortCodeData>
</activateShortCodeRequest>
```

Element: activateShortCodeResponse

Description

An **activateShortCodeResponse** message contains an element of activateShortCodeResponseType.

Derived By

Type activateShortCodeResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—The request was processed.
• FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedShortCodeDataType</td><td>0..1</td><td>Information about a short code response that was not generated is listed in the failedData element. See failedShortCodeDataType.</td></tr>
<tr><td>responseData</td><td>createdShortCodeDataType</td><td>0..1</td><td>Information about an short code response that was generated is listed in the responseData element. responseData contains a shortCode short code response string. This response is delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Referenced By

Name	Type
activateShortCode	Method

XML Example

The following XML fragment illustrates a successful **activateShortCodeResponse** message:

```
<activateShortCodeResponse>
```

XML Example

```
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <shortCode>...</shortCode>
  </responseData>
<activateShortCodeResponse>
```

The following XML fragment illustrates a failed **activateShortCodeResponse** message:

```
<activateShortCodeResponse>
  <statusInfo>
    <status>FAILURE</status>
  </statusInfo>
  <failedData>
    <shortCodeData>
      <webRegkey>be-sc-1</webRegkey>
      <shortCode>189603928568052437252111063433875295</shortCode>
    </shortCodeData>
    <reason>Short Code Activation failed : One or more fulfillment records found for the given Short Code and activationID.</reason>
    <duplicateFulfillmentRecords>
      <fulfillment>
        <uniqueId>HID-100333</uniqueId>
        <primaryKeys>
          <fulfillmentId>FID__52cc8d30_1320356c5cd__7ff8</fulfillmentId>
        </primaryKeys>
      </fulfillment>
    </duplicateFulfillmentRecords>
  </failedData>
</activateShortCodeResponse>
```

Element: consolidateFulfillmentsRequest

Description

A **consolidateFulfillmentsRequest** message contains an element of consolidateFulfillmentsRequestType.

Derived By

Type consolidateFulfillmentsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillments	fulfillmentIdentifierListType	1..1	Required. See fulfillmentIdentifierListType.

Referenced By

Name	Type
consolidateFulfillments	Method

XML Example

The following XML fragment illustrates a **consolidateFulfillmentsRequest** message:

```
<consolidateFulfillmentsRequest>
  <fulfillments>
    <fulfillmentIdentifier>
      <primaryKeys>
        <fulfillmentId>FID_1256ea2_10b1a2bcf0a__7ffa</fulfillmentId>
      </primaryKeys>
    </fulfillmentIdentifier>
    <fulfillmentIdentifier>
      <primaryKeys>
        <fulfillmentId>FID_1256ea2_10b1a2bcf0a__7ff9</fulfillmentId>
      </primaryKeys>
    </fulfillmentIdentifier>
  </fulfillments>
</consolidateFulfillmentsRequest>
```

Element: consolidateFulfillmentsResponse

Description

A **consolidateFulfillmentsResponse** message contains an element of consolidateFulfillmentsResponseType.

Derived By

Type consolidateFulfillmentsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>consolidatedResponseDataType</td><td>0..1</td><td>Information about the licenses that were generated is listed in the responseData element. See consolidatedResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
consolidateFulfillments	Method

XML Example

The following XML fragment illustrates a successful **consolidateFulfillmentsResponse** message:

```
<consolidateFulfillmentsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <consolidatedLicense>
      <consolidatedLicenseId>CID_1256ea2_10b1bcf0a__7fee</consolidatedLicenseId>
      <licenseText>...</licenseText>
      <soldTo>WILY</soldTo>
      <criteria>Server 123412341234</criteria>
      <consolidatedFulfillments>
        <fulfillmentIdentifier>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_1256ea2_10b1a2bcf0a__7ffa</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-2</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_1256ea2_10b1a2bcf0a__7ff9</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
      </consolidatedFulfillments>
    </consolidatedLicense>
  </responseData>
</consolidateFulfillmentsResponse>
```

Element: createChildLineItemFulfillmentRequest

Description

A **createChildLineItemFulfillmentRequest** message contains an element of createChildLineItemFulfillmentRequestType.

Derived By

Type createChildLineItemFulfillmentRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	createChildLineItemFulfillmentDataType	1..*	Required. A **createChildLineItemFulfillmentRequest** contains an array of **fulfillment** elements. See createChildLineItemFulfillmentDataType.

Referenced By

Name	Type
createChildLineItemFulfillment	Method

XML Example

The following XML fragment illustrates a **createChildLineItemFulfillmentRequest** message:

```
<createChildLineItemFulfillmentRequest>
  <fulfillment>
    <activationId>E-upgrade1-1U</activationId>
    <startDate>2008-02-12</startDate>
    <licenseModelAttributes>
      <attribute>
        <attributeName>VENDOR_STRING</attributeName>
        <stringValue>vs</stringValue>
      </attribute>
    </licenseModelAttributes>
    <hostIdDetails>
      <hostIdData>
        <serverHost>
          <server1>987698769876</server1>
        </serverHost>
        <countFromParent>4</countFromParent>
        <countFromOwn>5</countFromOwn>
      </hostIdData>
    </hostIdDetails>
    <overridePolicy>false</overridePolicy>
  </fulfillment>
</createChildLineItemFulfillmentRequest>
```

Element: createChildLineItemFulfillmentResponse

Description

A **createChildLineItemFulfillmentResponse** message contains an element of createChildLineItemFulfillmentResponseType.

Each fulfillment in the **createChildLineItemFulfillmentRequest** is created as an atomic unit; creating each either succeeds or fails.

Derived By

Type createChildLineItemFulfillmentResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>createdChildLIFmtResponseDataType</td><td>0..1</td><td>Information about the fulfillments that were created is listed in the responseData element. See createdChildLIFmtResponseDataType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedChildLIFmtResponseDataType	0..1	Information about the fulfillments that were not returned is listed in the **failedData** element. See failedChildLIFmtResponseDataType.

Referenced By

Name	Type
createChildLineItemFulfillment	Method

XML Example

The following XML fragment illustrates a successful **createChildLineItemFulfillmentResponse** message:

```
<createChildLineItemFulfillmentResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillment>
      <recordRefNo>1</recordRefNo>
      <fulfillmentInfo>
        <uniqueId>HID-11</uniqueId>
        <fulfillmentId>FID_18ee9d6_110b73ab7b0__7ffb</fulfillmentId>
        <licenseText>entire_license_text</licenseText>
      </fulfillmentInfo>
      <fulfillmentInfo>
        <uniqueId>HID-12</uniqueId>
        <fulfillmentId>FID_18ee9d6_110b73ab7b0__7ffa</fulfillmentId>
        <licenseText>entire_license_text</licenseText>
      </fulfillmentInfo>
    </fulfillment>
  </responseData>
</createChildLineItemFulfillmentResponse>
```

Element: createCVDFulfillmentsRequest

Derived By

Type createFulfillmentRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	createFulfillmentDataType	1..*	Required. A **createFulfillmentRequest** contains an array of **fulfillment** elements to be verified. See createFulfillmentDataType.

Referenced By

Name	Type
createCVDFulfillments	Method

Element: createCVDFulfillmentsResponse

Derived By

Type createFulfillmentResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFulfillmentDataListType</td><td>0..1</td><td>Information about the licenses that were not verified is listed in the failedData element. See failedFulfillmentDataListType.</td></tr>
<tr><td>responseData</td><td>createdFulfillmentDataListType</td><td>0..1</td><td>Information about the licenses that were verified is listed in the responseData element. See createdFulfillmentDataListType.</td></tr>
</table>

Referenced By

Name	Type
createCVDFulfillments	Method

Element: createCVDLicenseFileRequest

Derived By

Type createCVDLicenseFileRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	CVDLicenseFileQueryParametersType	0..1	
nodeLocked	boolean	1..1	Controls whether the hostid will be included in the license file (HOSTID=@hostIdValue). For features that should be node-locked to a host, the license file must contain the hostid. • **true**—Include the hostid in the license file. • **false**—Do not include the hostid in the license file.
vendorStringIsCumulative	boolean	1..1	Controls the vendor string information that is to be included in the license file generated by createCVDLicenseFile. • **true**—The vendor strings will be accumulated, meaning the license file will contain all three vendor strings for the @VENDOR_STRING placeholder. • **false**—No accumulation takes place. The license file will either contain the vendor string from the feature (if the vendor string was defined as a feature override) or from the license model. The vendor string can be set in three places: • At license model level • At product level • At feature level
pageNumber	integer	1..1	
batchSize	integer	1..1	

Referenced By

Name	Type
createCVDLicenseFile	Method

Element: createCVDLicenseFileResponse

Derived By

Type createCVDLicenseFileResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	
responseData	CVDLicenseFileConsolidatedResponseDataType	0..1	

Referenced By

Name	Type
createCVDLicenseFile	Method

Element: createLicenseRequest

Description

A **createLicenseRequest** message contains an element of createFulfillmentRequestType.

Derived By

Type createFulfillmentRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	createFulfillmentDataType	1..*	Required. A **createFulfillmentRequest** contains an array of **fulfillment** elements to be verified. See createFulfillmentDataType.

Referenced By

Name	Type
createLicense	Method

XML Example

The following XML fragment illustrates a **createLicenseRequest** message:

```
<createLicenseRequest>
  <fulfillment>
    <activationId>Ent_basic_1</activationId>
    <fulfillCount>5</fulfillCount>
    <overDraftCount>3</overDraftCount>
    <startDate>2005-11-30</startDate>
    <serverIds>
      <server1>HOSTNAME=testserver</server1>
    </serverIds>
    <licenseModelAttributes>
      <attribute>
        <attributeName>VENDOR_STRING</attributeName>
        <stringValue>vendor string</stringValue>
      </attribute>
    </licenseModelAttributes>
  </fulfillment>
</createLicenseRequest>
```

Element: createLicenseResponse

Description

A **createLicenseResponse** message contains an element of createFulfillmentResponseType.

Derived By

Type createFulfillmentResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFulfillmentDataListType</td><td>0..1</td><td>Information about the licenses that were not verified is listed in the failedData element. See failedFulfillmentDataListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
responseData	createdFulfillmentDataListType	0..1	Information about the licenses that were verified is listed in the **responseData** element. See createdFulfillmentDataListType.

Referenced By

Name	Type
createLicense	Method

XML Example

The following XML fragment illustrates a successful **createLicenseResponse** message:

```
<createLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <createdFulfillment>
      <recordRefNo>1</recordRefNo>
      <uniqueId>HID-100349</uniqueId>
      <fulfillmentId>FID_18c5...86f1__7ffb</fulfillmentId>
      <licenseText>entire_license_text</licenseText>
    </createdFulfillment>
  </responseData>
</createLicenseResponse>
```

Element: createLicensesAsBatchAndConsolidateRequest

Description

A **createLicensesAsBatchAndConsolidateRequest** message contains an element of createLicensesAsBatchRequestType.

Derived By

Type createLicensesAsBatchRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationIds	activationIdsListType	1..1	Required. See activationIdsListType.
hostIdDataSet	hostIdDataSetType	1..1	Required. See hostIdDataSetType.
countDataSet	countDataSetType	0..1	See countDataSetType.
commonBatchDataSet	commonBatchDataSetType	1..1	See commonBatchDataSetType.

Referenced By

Name	Type
createLicensesAsBatchAndConsolidate	Method

XML Example

The following XML fragment illustrates a **createLicensesAsBatchAndConsolidateRequest** message:

```
<createLicensesAsBatchAndConsolidateRequest>
  <activationIds>
    <activationId>ACT-3</activationId>
    <activationId>ACT-4</activationId>
  </activationIds>
  <hostIdDataSet>
    <hostIdData>
      <serverIds>
        <server1>456745674567</server1>
      </serverIds>
    </hostIdData>
    <hostIdData>
      <serverIds>
        <server1>567856785678</server1>
      </serverIds>
    </hostIdData>
  </hostIdDataSet>
  <countDataSet>
    <countData>
      <activationId>ACT-3</activationId>
      <countForHosts>
        <hostDataRefId>1</hostDataRefId>
```

XML Example


```
            <fulfillCount>1</fulfillCount>
          </countForHosts>
          <countForHosts>
            <hostDataRefId>2</hostDataRefId>
            <fulfillCount>2</fulfillCount>
          </countForHosts>
        </countData>
        <countData>
          <activationId>ACT-4</activationId>
          <countForHosts>
            <hostDataRefId>1</hostDataRefId>
            <fulfillCount>2</fulfillCount>
          </countForHosts>
          <countForHosts>
            <hostDataRefId>2</hostDataRefId>
            <fulfillCount>1</fulfillCount>
          </countForHosts>
        </countData>
      </countDataSet>
      <commonBatchDataSet>
        <startDate>2006-05-10</startDate>
        <shipToEmail>test@example.com</shipToEmail>
        <shipToAddress>12345 main st, san jose</shipToAddress>
        <licenseModelAttributes>
          <attribute>
            <attributeName>VENDOR_STRING</attributeName>
            <stringValue>test string</stringValue>
          </attribute>
        </licenseModelAttributes>
        <overridePolicy>true</overridePolicy>
      </commonBatchDataSet>
    </createLicensesAsBatchAndConsolidateRequest>
```

Element: createLicensesAsBatchAndConsolidateResponse

Description

A **createLicensesAsBatchAndConsolidateResponse** message contains an element of consolidateFulfillmentsResponseType.

Derived By

Type consolidateFulfillmentsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>consolidatedResponseDataType</td><td>0..1</td><td>Information about the licenses that were generated is listed in the responseData element. See consolidatedResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
createLicensesAsBatchAndConsolidate	Method

XML Example

The following XML fragment illustrates a successful **createLicensesAsBatchAndConsolidateResponse** message:


```
<createLicensesAsBatchAndConsolidateResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <consolidatedLicense>
      <consolidatedLicenseId>CID_1256ea2_11a2bcf0a__7ff0
                </consolidatedLicenseId>
      <licenseText>...</licenseText>
      <soldTo>WILY</soldTo>
      <criteria>Server 456745674567</criteria>
      <consolidatedFulfillments>
        <fulfillmentIdentifier>
          <uniqueId>HID-9</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_1256ea2_10cf0a__7ff2</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-7</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_1256ea2_10b2ba__7ff4</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
      </consolidatedFulfillments>
    </consolidatedLicense>
    <consolidatedLicense>
      <consolidatedLicenseId>CID_1256ea2_10b1a2bcf0a__7fef
                </consolidatedLicenseId>
      <licenseText>...</licenseText>
      <soldTo>WILY</soldTo>
      <criteria>Server 567856785678</criteria>
      <consolidatedFulfillments>
        <fulfillmentIdentifier>
          <uniqueId>HID-10</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_125a2_10b10a__7ff1</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-8</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_12562_10b1aa__7ff3</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
      </consolidatedFulfillments>
    </consolidatedLicense>
  </responseData>
</createLicensesAsBatchAndConsolidateResponse>
```

Element: createLicensesAsBatchRequest

Description

A **createLicensesAsBatchRequest** message contains an element of createLicensesAsBatchRequestType.

Derived By

Type createLicensesAsBatchRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationIds	activationIdsListType	1..1	Required. See activationIdsListType.
hostIdDataSet	hostIdDataSetType	1..1	Required. See hostIdDataSetType.
countDataSet	countDataSetType	0..1	See countDataSetType.
commonBatchDataSet	commonBatchDataSetType	1..1	See commonBatchDataSetType.

Referenced By

Name	Type
createLicensesAsBatch	Method

XML Example

The following XML fragment illustrates a **createLicensesAsBatchRequest** message:

```
<createLicensesAsBatchRequest>
  <activationIds>
    <activationId>ACT-1</activationId>
    <activationId>ACT-2</activationId>
  </activationIds>
  <hostIdDataSet>
    <hostIdData>
      <nodeIds>
        <nodeId>121212121212</nodeId>
      </nodeIds>
    </hostIdData>
  </hostIdDataSet>
  <commonBatchDataSet>
    <startDate>2006-05-06</startDate>
    <shipToEmail>test@example.com</shipToEmail>
    <licenseModelAttributes>
      <attribute>
        <attributeName>VENDOR_STRING</attributeName>
        <stringValue>test string</stringValue>
      </attribute>
    </licenseModelAttributes>
    <overridePolicy>true</overridePolicy>
  </commonBatchDataSet>
```

XML Example

```
</createLicensesAsBatchRequest>
```

Element: createLicensesAsBatchResponse

Description

A **createLicensesAsBatchResponse** message contains an element of createLicensesAsBatchResponseType.

Derived By

Type createLicensesAsBatchResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>createLicensesAsBatchResponseDataType</td><td>0..1</td><td>Information about the licenses that were generated is listed in the responseData element. See createLicensesAsBatchResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
createLicensesAsBatch	Method

XML Example

The following XML fragment illustrates a successful **createLicensesAsBatchResponse** message:


```
<createLicensesAsBatchResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillment>
      <entitlementIdentifier>
        <uniqueId>HID-100134</uniqueId>
        <primaryKeys>
          <entitlementId>1fcf-0ce1-0b14-a567-037f-fd</entitlementId>
        </primaryKeys>
      </entitlementIdentifier>
      <fulfillmentIdentifier>
        <uniqueId>HID-100360</uniqueId>
        <primaryKeys>
         <fulfillmentId>FID_1fcf0ce_10b16cf863c__7ffe</fulfillmentId>
        </primaryKeys>
      </fulfillmentIdentifier>
      <fulfillmentType>CERTIFICATE</fulfillmentType>
      <lineItem>
        <uniqueId>HID-100137</uniqueId>
        <primaryKeys>
          <activationId>ACT-1</activationId>
        </primaryKeys>
      </lineItem>
      <product>
        <uniqueId>HID-20090</uniqueId>
        <primaryKeys>
          <name>Scientific Calculator</name>
          <version>1.0</version>
        </primaryKeys>
      </product>
      <soldTo>Callaway</soldTo>
      <shipToEmail>test@example.com</shipToEmail>
      <nodeIds>
        <nodeId>121212121212</nodeId>
      </nodeIds>
      <fulfilledCount>1</fulfilledCount>
      <overDraftCount>0</overDraftCount>
      <fulfillDate>2006-05-08</fulfillDate>
      <isPermanent>false</isPermanent>
      <startDate>2006-05-06</startDate>
      <expirationDate>2006-08-04</expirationDate>
      <licenseText>...</licenseText>
      <supportAction>MASTER</supportAction>
      <licenseModelAttributes>
        <attribute>
          <attributeName>VENDOR_STRING</attributeName>
          <stringValue>test string</stringValue>
        </attribute>
      </licenseModelAttributes>
      <state>ACTIVE</state>
    </fulfillment>
    <fulfillment>
      <entitlementIdentifier>
```

XML Example


```
        <uniqueId>HID-100134</uniqueId>
        <primaryKeys>
          <entitlementId>1fcf-0ce1-0b14-a567-037f-fd</entitlementId>
        </primaryKeys>
      </entitlementIdentifier>
      <fulfillmentIdentifier>
        <uniqueId>HID-100374</uniqueId>
        <primaryKeys>
         <fulfillmentId>FID_1fcf0ce_10b16cf863c__7ffd</fulfillmentId>
        </primaryKeys>
      </fulfillmentIdentifier>
      <fulfillmentType>CERTIFICATE</fulfillmentType>
      <lineItem>
        <uniqueId>HID-100166</uniqueId>
        <primaryKeys>
          <activationId>ACT-2</activationId>
        </primaryKeys>
      </lineItem>
      <product>
        <uniqueId>HID-20090</uniqueId>
        <primaryKeys>
          <name>Scientific Calculator</name>
          <version>1.0</version>
        </primaryKeys>
      </product>
      <soldTo>Callaway</soldTo>
      <shipToEmail>test@example.com</shipToEmail>
      <nodeIds>
        <nodeId>121212121212</nodeId>
      </nodeIds>
      <fulfilledCount>1</fulfilledCount>
      <overDraftCount>0</overDraftCount>
      <fulfillDate>2006-05-08</fulfillDate>
      <isPermanent>false</isPermanent>
      <startDate>2006-05-08</startDate>
      <expirationDate>2006-08-06</expirationDate>
      <licenseText>...</licenseText>
      <supportAction>MASTER</supportAction>
      <licenseModelAttributes>
        <attribute>
          <attributeName>VENDOR_STRING</attributeName>
          <stringValue>test string</stringValue>
        </attribute>
      </licenseModelAttributes>
      <state>ACTIVE</state>
    </fulfillment>
  </responseData>
</createLicensesAsBatchResponse>
```

Element: deleteOnholdFulfillmentsRequest

Description

A **deleteOnholdFulfillments** message contains an element of deleteOnholdFulfillmentsRequestType.

Derived By

Type deleteOnholdFulfillmentsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdList	fulfillmentIdListType	1..1	See fulfillmentIdListType.

Referenced By

Name	Type
deleteOnholdFulfillments	Method

XML Example

The following XML fragment illustrates a **deleteOnholdFulfillmentsRequest** message:

```
<deleteOnholdFulfillmentsRequest>
    <fulfillmentIdList>
      <fulfillmentIdentifier>
        <primaryKeys>
          <fulfillmentId>FID_647dcddc_11a3a76677d__7ff2</fulfillmentId>
        </primaryKeys>
      </fulfillmentIdentifier>
    </fulfillmentIdList>
  </deleteOnholdFulfillmentsRequest>
```

Element: deleteOnholdFulfillmentsResponse

Description

A **deleteOnholdFulfillmentsResponse** message contains an element of deleteOnholdFulfillmentsResponseType.

Derived By

Type deleteOnholdFulfillmentsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedOnholdFulfillmentListType</td><td>0..1</td><td>See failedOnholdFulfillmentListType.</td></tr>
</table>

Referenced By

Name	Type
deleteOnholdFulfillments	Method

XML Example

The following XML fragment illustrates a successful **deleteOnholdFulfillmentsResponse** message:

```
<deleteOnholdFulfillmentsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteOnholdFulfillmentsResponse>
```

Element: emailConsolidatedLicensesRequest

Description

An **emailConsolidatedLicensesRequest** message contains an element of emailConsolidatedLicensesRequestType.

Derived By

Type emailConsolidatedLicensesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
consolidatedLicenseIdList	consolidatedLicenseIdListType	1..1	Required. An **emailConsolidatedLicenseRequest** contains a **consolidatedLicenseIdList** element identifying the licenses to be emailed. See consolidatedLicenseIdListType.
validateEmailAddresses	boolean	0..1	Optional. Perform simple validation of email addresses in the request? Default is false.
emailIdList	emailContactListType	0..1	See emailContactListType.
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US. Set to the preferred locale for the consolidated license email template. If the locale is valid and an email template has been configured for that locale, the localized template is used to send the email.

Referenced By

Name	Type
emailConsolidatedLicenses	Method

XML Example

The following XML fragment illustrates an **emailConsolidatedLicenseRequest** message:

```
<emailConsolidatedLicensesRequest>
  <consolidatedLicenseIdList>
    <consolidatedLicenseId>CID_1256ea2_10b1a2bcf0a__7fee</consolidatedLicenseId>
    <consolidatedLicenseId>CID_1256ea2_10b1a2bcf0a__7fef</consolidatedLicenseId>
  </consolidatedLicenseIdList>
  <emailIdList>
    <emailId>test@example.com</emailId>
  </emailIdList>
</emailConsolidatedLicensesRequest>
```

Element: emailConsolidatedLicensesResponse

Description

An **emailConsolidatedLicenseResponse** message contains an element of emailConsolidatedLicenseResponseType.

Derived By

Type emailConsolidatedLicensesResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Referenced By

Name	Type
emailConsolidatedLicenses	Method

XML Example

The following XML fragment illustrates a successful **emailConsolidatedLicenseResponse** message:

```
<emailConsolidatedLicensesResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</emailConsolidatedLicensesResponse>
```

Element: emailLicenseRequest

Description

An **emailLicenseRequest** message contains an element of emailLicenseRequestType.

Derived By

Type emailLicenseRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	fulfillmentIdentifierType	1..1	Required. An **emailLicenseRequest** contains a **fulfillmentIdentifier** element identifying the license to be emailed. See FulfillmentIdentifierType.
ignoreExistingEmailList	boolean	0..1	Optional. If true, all email addresses must be specified explicitly in the request. It is not possible to specify which of a list of existing email addresses to exclude (exclude all or none). If not set, the value is false.
validateEmailAddresses	boolean	0..1	Optional. Perform simple validation of email addresses in the request? Default is false.
emailIdList	emailContactListType	0..1	See emailContactListType.
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US. Set to the preferred locale for the license email template. If the locale is valid and an email template has been configured for that locale, the localized template is used to send the email.

Referenced By

Name	Type
emailLicense	Method

XML Example

The following XML fragment illustrates an **emailLicenseRequest** message:

```
<emailLicenseRequest>
  <fulfillmentIdentifier>
    <primaryKeys>
      <fulfillmentId>FID_18c56d_10777ff86f1__7ffb</fulfillmentId>
    </primaryKeys>
  </fulfillmentIdentifier>
  <emailIdList>
    <emailId>test@example.com</emailId>
  </emailIdList>
```

XML Example

```
</emailLicenseRequest>
```

Element: emailLicenseResponse

Description

An **emailLicenseResponse** message contains an element of emailLicenseResponseType.

Derived By

Type emailLicenseResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed.
reason	string	Gives reason for partial failure or failure.

Referenced By

Name	Type
emailLicense	Method

XML Example

The following XML fragment illustrates a successful **emailLicenseResponse** message:

```
<emailLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</emailLicenseResponse>
```

Element: emergencyLicenseRequest

Description

An **emergencyLicenseRequest** message contains an element of emergencyFulfillmentRequestType.

Derived By

Type emergencyFulfillmentRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	emergencyFulfillmentDataType	1..*	See failedEmergencyResponselistDataType.

Referenced By

Name	Type
emergencyLicense	Method

XML Example

The following XML fragment illustrates an **emergencyLicenseRequest** message:

```
<emergencyLicenseRequest>
  <fulfillment>
    <fulfillmentIdentifier>
      <primaryKeys>
        <fulfillmentId>FID_828cab6_14ddc48ce2a__7ff5</fulfillmentId>
      </primaryKeys>
    </fulfillmentIdentifier>
    <startDate>2015-06-06</startDate>
    <endDate>2015-09-09</endDate>
    <serverIds>
      <server1>HOSTNAME=h-h2</server1>
    </serverIds>
    <nodeIds>
      <nodeId>HOSTNAME=d-d2</nodeId>
    </nodeIds>
  </fulfillment>
</emergencyLicenseRequest>
```

Element: emergencyLicenseResponse

Description

An **emergencyLicenseResponse** message contains an element of emergencyFulfillmentResponseType.

Derived By

Type emergencyFulfillmentResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>emergencyResponseDataType</td><td>0..1</td><td>See emergencyResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedEmergencyResponselistDataType</td><td>0..1</td><td>See failedEmergencyResponselistDataType.</td></tr>
</table>

Referenced By

Name	Type
emergencyLicense	Method

XML Example

The following XML fragment illustrates a successful **emergencyLicenseResponse** message:


```
<emergencyLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillmentData>
      <recordRefNo>1</recordRefNo>
      <fulfillment>
        <entitlementIdentifier>
          <uniqueId>HID-2</uniqueId>
          <primaryKeys>
            <entitlementId>e2</entitlementId>
          </primaryKeys>
        </entitlementIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-5</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_828cab6_14ddc48ce2a__7ff4</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentType>CERTIFICATE</fulfillmentType>
        <lineItem>
          <uniqueId>HID-2</uniqueId>
          <primaryKeys>
            <activationId>a2</activationId>
          </primaryKeys>
        </lineItem>
        <product>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <name>p1</name>
            <version>1.0</version>
          </primaryKeys>
        </product>
        <soldTo>UNKNOWN_ACCT_UNIT</soldTo>
        <shipToEmail/>
        <shipToAddress/>
        <serverIds>
          <server1>HOSTNAME=h-h2</server1>
        </serverIds>
        <nodeIds>
          <nodeId>HOSTNAME=d-d2</nodeId>
        </nodeIds>
        <fulfilledCount>2</fulfilledCount>
        <overDraftCount>0</overDraftCount>
        <fulfillDate>2015-06-10</fulfillDate>
        <fulfillDateTime>2015-06-10T08:50:01.142Z</fulfillDateTime>
        <isPermanent>false</isPermanent>
        <startDate>2015-06-05</startDate>
        <expirationDate>2015-09-08</expirationDate>
        <licenseText>SERVER this_host HOSTNAME=h-h2
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 8-sep-2015 2 HOSTID=HOSTNAME=d-d2 ISSUER="My \
      Corporation" ISSUED=10-jun-2015 START=5-jun-2015 SIGN="00A2 \
```

XML Example


```
        B496 80E0 D993 5958 6D65 98DB 5700 694B 165F 2100 AB68 4EBF \
        2FCC 0AC2"</licenseText>
            <consolidatedHostLicense>
              <license>#Please Do not delete this comment line.
    SERVER this_host HOSTNAME=h-h2
    VENDOR demo
    USE_SERVER
    INCREMENT f1 demo 1.0 8-sep-2015 2 HOSTID=HOSTNAME=d-d2 ISSUER="My \
        Corporation" ISSUED=10-jun-2015 START=5-jun-2015 SIGN="00A2 \
        B496 80E0 D993 5958 6D65 98DB 5700 694B 165F 2100 AB68 4EBF \
        2FCC 0AC2"</license>
          </consolidatedHostLicense>
          <supportAction>EMERGENCY</supportAction>
          <lastModifiedDateTime>2015-06-10T08:50:01.148Z</lastModifiedDateTime>
          <parentFulfillmentId>
            <uniqueId>HID-4</uniqueId>
            <primaryKeys>
              <fulfillmentId>FID_828cab6_14ddc48ce2a__7ff5</fulfillmentId>
            </primaryKeys>
          </parentFulfillmentId>
          <licenseTechnology>
            <uniqueId>HID-100</uniqueId>
            <primaryKeys>
              <name>FlexNet Licensing</name>
            </primaryKeys>
          </licenseTechnology>
          <licenseModelAttributes>
            <attribute>
              <attributeName>ISSUER</attributeName>
              <stringValue>My Corporation</stringValue>
            </attribute>
            <attribute>
              <attributeName>INCLUDE_USE_SERVER</attributeName>
              <booleanValue>true</booleanValue>
            </attribute>
            <attribute>
              <attributeName>ALLOW_ONE_TERMINAL_SERVER</attributeName>
              <booleanValue>false</booleanValue>
            </attribute>
            <attribute>
              <attributeName>NOTICE</attributeName>
            </attribute>
            <attribute>
              <attributeName>SERIAL_NUMBER</attributeName>
            </attribute>
            <attribute>
              <attributeName>VENDOR_STRING</attributeName>
            </attribute>
          </licenseModelAttributes>
          <state>ACTIVE</state>
          <fulfillmentSource>APPLICATION</fulfillmentSource>
          <licenseFiles>
            <licenseFile>
              <licenseFileDefinitionName>FNP License</licenseFileDefinitionName>
              <licenseText>SERVER this_host HOSTNAME=h-h2
    VENDOR demo
    USE_SERVER
    INCREMENT f1 demo 1.0 8-sep-2015 2 HOSTID=HOSTNAME=d-d2 ISSUER="My \
        Corporation" ISSUED=10-jun-2015 START=5-jun-2015 SIGN="00A2 \
        B496 80E0 D993 5958 6D65 98DB 5700 694B 165F 2100 AB68 4EBF \
        2FCC 0AC2"</licenseText>
            </licenseFile>
          </licenseFiles>
          <entitledProducts>
            <entitledProduct>
              <product>
```

XML Example


```
                <uniqueId>HID-1</uniqueId>
                <primaryKeys>
                  <name>p1</name>
                  <version>1.0</version>
                </primaryKeys>
              </product>
              <quantity>1</quantity>
            </entitledProduct>
          </entitledProducts>
          <activationType>DEFAULT</activationType>
        </fulfillment>
      </fulfillmentData>
    </responseData>
  </emergencyLicenseResponse>
```

Element: getConsolidatedFulfillmentCountRequest

Description

A **getConsolidatedFulfillmentCountRequest** message contains an element of getConsolidatedFulfillmentCountRequestType.

Derived By

Type getConsolidatedFulfillmentCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	consolidatedFulfillments QPType	0..1	Required. See consolidatedFulfillmentsQPType. Leave this element blank to return all consolidated fulfillments.

Referenced By

Name	Type
getConsolidatedFulfillmentCount	Method

XML Example

The following XML fragment illustrates a **getConsolidatedFulfillmentCountRequest** message:

```
<getConsolidatedFulfillmentCountRequest>
  <queryParams>
    <consolidatedLicenseId>
      <value>CID</value>
      <searchType>STARTS_WITH</searchType>
    </consolidatedLicenseId>
  </queryParams>
</getConsolidatedFulfillmentCountRequest>
```

Element: getConsolidatedFulfillmentCountResponse

Description

A **getConsolidatedFulfillmentCountResponse** message contains an element of getConsolidatedFulfillmentCountResponseType.

Derived By

Type getConsolidatedFulfillmentCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getConsolidatedFulfillmentCountResponseDataType</td><td>0..1</td><td>Contains an integer count element.</td></tr>
</table>

Referenced By

Name	Type
getConsolidatedFulfillmentCount	Method

XML Example

The following XML fragment illustrates a successful **getConsolidatedFulfillmentCountResponse** message:

```
<getConsolidatedFulfillmentCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <count>3</count>
  </responseData>
</getConsolidatedFulfillmentCountResponse>
```

Element: getConsolidatedFulfillmentsQueryRequest

Description

A **getConsolidatedFulfillmentsQueryRequest** message contains an element of getConsolidatedFulfillmentsQueryRequestType.

Derived By

Type getConsolidatedFulfillmentsQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	consolidatedFulfillments QPType	0..1	Required. See consolidatedFulfillmentsQPType.
pageNumber	integer	1..1	Required. Starts at 1. Say the getConsolidatedFulfillmentCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
includeLicenseText	boolean	0..1	Optional. Whether to include the entire text of the consolidated license(s) in the response. Default is true.

Referenced By

Name	Type
getConsolidatedFulfillmentsQuery	Method

XML Example

The following XML fragment illustrates a **getConsolidatedFulfillmentsQueryRequest** message:

```
<getConsolidatedFulfillmentsQueryRequest>
  <queryParams>
    <consolidatedLicenseId>
      <value>CID</value>
      <searchType>STARTS_WITH</searchType>
    </consolidatedLicenseId>
    <soldTo>
      <value>ACME</value>
      <searchType>EQUALS</searchType>
    </soldTo>
  </queryParams>
  <pageNumber>1</pageNumber>
  <batchSize>30</batchSize>
  <includeLicenseText>true</includeLicenseText>
```

XML Example

```
</getConsolidatedFulfillmentsQueryRequest>
```

Element: getConsolidatedFulfillmentsQueryResponse

Description

A **getConsolidatedFulfillmentsQueryResponse** message contains an element of getConsolidatedFulfillmentsQueryResponseType.

Derived By

Type getConsolidatedFulfillmentsQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Types</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getConsolidatedFulfillmentsQueryResponseDataType</td><td>0..1</td><td>See getConsolidatedFulfillmentsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getConsolidatedFulfillmentsQuery	Method

XML Example

The following XML fragment illustrates a successful **getConsolidatedFulfillmentsQueryResponse** message:

```
<getConsolidatedFulfillmentsQueryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <consolidatedLicense>
      <consolidatedLicenseId>CID_1256ea2_10b1a2bcf0a__7fee</consolidatedLicenseId>
      <licenseText>...</licenseText>
      <soldTo>ACME</soldTo>
      <criteria>Server 123412341234</criteria>
      <consolidatedFulfillments>
        <fulfillmentIdentifier>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_1256ea2_10b1a2bcf0a__7ffa</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-2</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_1256ea2_10b1a2bcf0a__7ff9</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
      </consolidatedFulfillments>
    </consolidatedLicense>
  </responseData>
</getConsolidatedFulfillmentsQueryResponse>
```

Element: getFmtAttributesForBatchActivationRequest

Description

A **getFmtAttributesForBatchActivationRequest** message contains an element of getFmtAttributesForBatchActivationRequestType.

Derived By

Type getFmtAttributesForBatchActivationRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationIds	activationIdsListType	1..1	Required. A **getFmtAttributesForBatchActivationRequest** contains an **activationIds** element identifying the activation IDs whose fulfillment-time attributes to return. See activationIdsListType.

Referenced By

Name	Type
getFulfillmentAttributesForBatchActivation	Method

XML Example

The following XML fragment illustrates a **getFmtAttributesForBatchActivationRequest** message:

```
<getFmtAttributesForBatchActivationRequest>
  <activationIds>
    <activationId>ACT-1</activationId>
    <activationId>ACT-2</activationId>
  </activationIds>
</getFmtAttributesForBatchActivationRequest>
```

Element: getFmtAttributesForBatchActivationResponse

Description

A **getFmtAttributesForBatchActivationResponse** message contains an element of getFmtAttributesForBatchActivationResponseType.

Derived By

Type getFmtAttributesForBatchActivationResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFmtAttributesForBatchDataType</td><td>0..1</td><td>A list of license model attributes that are set at fulfillment time are contained in the responseData element. See getFmtAttributesForBatchDataType.</td></tr>
</table>

Referenced By

Name	Type
getFulfillmentAttributesForBatchActivation	Method

XML Example

The following XML fragment illustrates a successful **getFmtAttributesForBatchActivationResponse** message:

```
<getFmtAttributesForBatchActivationResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <needStartDate>true</needStartDate>
    <needServerId>false</needServerId>
    <needNodeLockId>true</needNodeLockId>
    <needCount>false</needCount>
    <overDraftData>
      <activationIdMap>
        <activationId>ACT-1</activationId>
        <overDraftAllowed>false</overDraftAllowed>
      </activationIdMap>
      <activationIdMap>
        <activationId>ACT-2</activationId>
        <overDraftAllowed>false</overDraftAllowed>
      </activationIdMap>
    </overDraftData>
    <modelType>NODE_LOCKED</modelType>
    <modelAttributes>
      <attribute>
        <attributeName>VENDOR_STRING</attributeName>
        <attributeDataType>LONGTEXT</attributeDataType>
        <namespace>FlexNet Licensing</namespace>
      </attribute>
    </modelAttributes>
  </responseData>
</getFmtAttributesForBatchActivationResponse>
```

Element: getFulfillmentAttributesRequest

Description

A **getFulfillmentAttributesRequest** message contains an element of getFulfillmentAttributesRequestType.

Derived By

Type getFulfillmentAttributesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseModelIdentifier	licenseModelIdentifierType	1..1	Required. A **getFulfillmentAttributesRequest** contains a **licenseModelIdentifier** element identifying the license model whose attributes to return. See licenseModelIdentifierType.

Referenced By

Name	Type
getFulfillmentAttributesFromModel	Method

XML Example

The following XML fragment illustrates a **getFulfillmentAttributesRequest** message:

```
<getFulfillmentAttributesRequest>
  <licenseModelIdentifier>
    <primaryKeys>
      <name>Floating Counted</name>
    </primaryKeys>
  </licenseModelIdentifier>
</getFulfillmentAttributesRequest>
```

Element: getFulfillmentAttributesResponse

Description

A **getFulfillmentAttributesResponse** message contains an element of getFulfillmentAttributesResponseType.

Derived By

Type getFulfillmentAttributesResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFulfillmentAttributesDataType</td><td>0..1</td><td>A list of license model attributes that are set at fulfillment time are contained in the responseData element. See getFulfillmentAttributesDataType.</td></tr>
</table>

Referenced By

Name	Type
getFulfillmentAttributesFromModel	Method

XML Example

The following XML fragment illustrates a successful **getFulfillmentAttributesResponse** message:

```
<getFulfillmentAttributesResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillmentAttributes>
      <attribute>
        <attributeName>VENDOR_STRING</attributeName>
        <attributeDataType>LONGTEXT</attributeDataType>
        <namespace>FlexNet Licensing</namespace>
      </attribute>
    </fulfillmentAttributes>
  </responseData>
</getFulfillmentAttributesResponse>
```

Element: getFulfillmentCountRequest

Description

A **getFulfillmentCountRequest** message contains an element of getFulfillmentCountRequestType.

Derived By

Type getFulfillmentCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	fulfillmentsQueryParametersType	0..1	Required. See fulfillmentsQueryParametersType. Leave this element blank to return all fulfillments.
excludeInactiveObsoleteLineItems	boolean	0..1	

Referenced By

Name	Type
getFulfillmentCount	Method

XML Example

The following XML fragment illustrates a **getFulfillmentCountRequest** message:

```
<getFulfillmentCountRequest>
  <queryParams>
    <activationId>
      <value>Ent_basic_1</value>
      <searchType>EQUALS</searchType>
    </activationId>
  </queryParams>
</getFulfillmentCountRequest>
```

Element: getFulfillmentCountResponse

Description

A **getFulfillmentCountResponse** message contains an element of getFulfillmentCountResponseType.

Derived By

Type getFulfillmentCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFulfillmentCountResponseDataType</td><td>0..1</td><td>Contains an integer count element.</td></tr>
</table>

Referenced By

Name	Type
getFulfillmentCount	Method

XML Example

The following XML fragment illustrates a successful **getFulfillmentCountResponse** message:

```
<getFulfillmentCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <count>1</count>
  </responseData>
</getFulfillmentCountResponse>
```

Element: getFulfillmentHistoryRequest

Description

A **getFulfillmentHistoryRequest** message contains an element of getFulfillmentHistoryRequestType.

Derived By

Type getFulfillmentHistoryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	Required. Activation ID of the activatable item whose fulfillment history is requested.
fulfillmentId	SimpleQueryType	0..1	Optional. To request a specific fulfillment ID for activationId.
userId	SimpleQueryType	0..1	Optional. To request fulfillments performed by this user on activationId.
count	NumberQueryType	0..1	Optional. To request fulfillments of activationId with this count.
policyOverridden	boolean	0..1	Optional. To request fulfillments for activationId for which a policy had to be overridden.
actionDateTime	DateTimeQueryType	0..1	Optional. To request fulfillments for activationId that were performed at this date and time. (Valid only for FlexNet Operations 8.3.0.3 and later.)

Content Model

Component	Type	Occurs	Description
lifeCycleAction	SupportLicenseType	0..1	Optional. To request fulfillments for activationId of one of the following license lifecycle action types: • ACTIVATED • RETURN • REPAIR • REHOST • STOPGAP • EMERGENCY • PUBLISHER_ERROR • UPGRADE • UPSELL • RENEW • REINSTALL • ACTIVATED_ONHOLD
fulfillmentSource	FulfillmentSourceType	0..1	Optional. See FulfillmentSourceType.
pageNumber	integer	0..1	Required. Starts at 1. Say the getFulfillmentCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	0..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getFulfillmentHistory	Method

XML Example

The following XML fragment illustrates a **getFulfillmentHistoryRequest** message:

```
<getFulfillmentHistoryRequest>
  <activationId>se-test-1</activationId>
  <pageNumber>1</pageNumber>
  <batchSize>50</batchSize>
```

XML Example

```
</getFulfillmentHistoryRequest>
```

Element: getFulfillmentHistoryResponse

Description

A **getFulfillmentHistoryResponse** message contains an element of getFulfillmentHistoryResponseType.

Derived By

Type getFulfillmentHistoryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>fulfillmentHistoryDataType</td><td>0..1</td><td>See fulfillmentHistoryDataType.</td></tr>
</table>

Referenced By

Name	Type
getFulfillmentHistory	Method

XML Example

The following XML fragment illustrates a successful **getFulfillmentHistoryResponse** message:

```
<getFulfillmentHistoryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <activationId>se-test-1</activationId>
    <historyDetails>
      <record>
        <fulfillmentId>FID_24541f56_12cbd1fe4ba__7ffb</fulfillmentId>
        <action>UPGRADE</action>
        <actionDate>2010-12-06</actionDate>
        <actionDateTime>2010-12-06T21:55:57.766Z</actionDateTime>
        <actionPerformedBy>admin</actionPerformedBy>
        <isPolicyOverridden>false</isPolicyOverridden>
        <count>10</count>
        <fulfillmentSource>APPLICATION</fulfillmentSource>
      </record>
      <record>
        <fulfillmentId>FID_24541f56_12cbd1fe4ba__7ffb</fulfillmentId>
        <action>ACTIVATED</action>
        <actionDate>2010-12-06</actionDate>
        <actionDateTime>2010-12-06T19:54:16.008Z</actionDateTime>
        <actionPerformedBy>admin</actionPerformedBy>
        <isPolicyOverridden>false</isPolicyOverridden>
        <count>10</count>
        <fulfillmentSource>APPLICATION</fulfillmentSource>
      </record>
    </historyDetails>
  </responseData>
</getFulfillmentHistoryResponse>
```

Element: getFulfillmentPropertiesRequest

Description

A **getFulfillmentPropertiesRequest** message contains an element of getFulfillmentPropertiesRequestType.

Derived By

Type getFulfillmentPropertiesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	fulfillmentsQueryParametersType	1..1	Required. See fulfillmentsQueryParametersType.
fulfillmentResponseConfig	fulfillmentResponseConfigRequestType	1..1	See fulfillmentResponseConfigRequestType.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
pageNumber	integer	0..1	Required. Starts at 1. Say the getFulfillmentCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Referenced By

Name	Type
getFulfillmentPropertiesQuery	Method

XML Example

The following XML fragment illustrates a **getFulfillmentPropertiesRequest** message:

```
<getFulfillmentPropertiesRequest>
    <queryParams></queryParams>
    <fulfillmentResponseConfig>
        <fulfillmentId>1</fulfillmentId>
        <fulfillmentType>1</fulfillmentType>
        <state>1</state>
        <entitlementId>1</entitlementId>
        <lineitemId>1</lineitemId>
        <product>1</product>
        <productDescription>1</productDescription>
        <partNumber>1</partNumber>
        <partNumberDescription>1</partNumberDescription>
        <licenseTechnology>1</licenseTechnology>
        <licenseModel>1</licenseModel>
        <soldTo>1</soldTo>
        <shipToEmail>1</shipToEmail>
```

XML Example


```
        <shipToAddress>1</shipToAddress>
        <licenseHost>1</licenseHost>
        <fulfilledCount>1</fulfilledCount>
        <overDraftCount>1</overDraftCount>
        <fulfillDate>1</fulfillDate>
        <fulfillDateTime>1</fulfillDateTime>
        <isPermanent>1</isPermanent>
        <startDate>1</startDate>
        <expirationDate>1</expirationDate>
        <versionDate>1</versionDate>
        <licenseFileType>1</licenseFileType>
        <licenseText>1</licenseText>
        <binaryLicense>1</binaryLicense>
        <supportAction>1</supportAction>
        <lastModifiedDateTime>1</lastModifiedDateTime>
        <parentFulfillmentId>1</parentFulfillmentId>
        <fulfillmentSource>1</fulfillmentSource>
        <owner>1</owner>
        <orderId>1</orderId>
        <orderLineNumber>1</orderLineNumber>
        <lineitemDescription>1</lineitemDescription>
        <totalCopies>1</totalCopies>
        <numberOfRemainingCopies>1</numberOfRemainingCopies>
        <isTrusted>1</isTrusted>
        <customAttributes>
            <attribute>
                <attributeName>NumberAttr</attributeName>
            </attribute>
            <attribute>
                <attributeName>Attr1</attributeName>
            </attribute>
            <attribute>
                <attributeName>BinAttr1</attributeName>
            </attribute>
            <attribute>
                <attributeName>Attr3</attributeName>
            </attribute>
        </customAttributes>
        <customHostAttributes>
            <attribute>
                <attributeName>HostAttr2</attributeName>
            </attribute>
            <attribute>
                <attributeName>BinHostAttr2</attributeName>
            </attribute>
        </customHostAttributes>
        <migrationId>1</migrationId>
        <vendorDaemonName>1</vendorDaemonName>
    </fulfillmentResponseConfig>
    <batchSize>15</batchSize>
    <pageNumber>1</pageNumber>
</getFulfillmentPropertiesRequest>
```

Element: getFulfillmentPropertiesResponse

Description

A **getFulfillmentPropertiesResponse** message contains an element of getFulfillmentPropertiesResponseType.

Derived By

Type getFulfillmentPropertiesResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>fulfillment</td><td>fulfillmentPropertiesType</td><td>0..*</td><td>See fulfillmentPropertiesType.</td></tr>
</table>

Referenced By

Name	Type
getFulfillmentPropertiesQuery	Method

XML Example

The following XML fragment illustrates a successful **getFulfillmentPropertiesResponse** message:


```
<getFulfillmentPropertiesResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
    <fulfillment>
        <fulfillmentId>
            <uniqueId>HID-111407</uniqueId>
            <primaryKeys>
                <fulfillmentId>FID__d79b1d8_11c9a8bfb08__7d93</fulfillmentId>
            </primaryKeys>
        </fulfillmentId>
        <fulfillmentType>CERTIFICATE</fulfillmentType>
        <state>ACTIVE</state>
        <entitlementId>
            <uniqueId>HID-111361</uniqueId>
            <primaryKeys>
                <entitlementId>EntitleId_TestRF007</entitlementId>
            </primaryKeys>
        </entitlementId>
        <lineitemId>
            <uniqueId>HID-111373</uniqueId>
            <primaryKeys>
                <activationId>ActivationID-Parent-TestRF007_1</activationId>
            </primaryKeys>
        </lineitemId>
        <product>
            <uniqueId>HID-111339</uniqueId>
            <primaryKeys>
                <name>PROD-TestRF007_1</name>
                <version>3.0</version>
            </primaryKeys>
        </product>
        <productDescription>Product for TestRF007</productDescription>
        <partNumber>
            <uniqueId>HID-111335</uniqueId>
            <primaryKeys>
                <partId>PART-ID-TestRF007_1</partId>
            </primaryKeys>
        </partNumber>
        <partNumberDescription>part id for TestRF007</partNumberDescription>
        <licenseTechnology>
            <uniqueId>HID-100</uniqueId>
            <primaryKeys>
                <name>FLEXnet Licensing</name>
            </primaryKeys>
        </licenseTechnology>
        <soldTo>SRC-ACCT-TestRF007</soldTo>
        <licenseHost>HOSTNAME=son1334</licenseHost>
        <fulfilledCount>30</fulfilledCount>
        <overDraftCount>0</overDraftCount>
        <fulfillDate>2008-09-26</fulfillDate>
        <fulfillDateTime>2008-09-26T00:16:00.400Z</fulfillDateTime>
        <isPermanent>false</isPermanent>
        <startDate>2008-09-25</startDate>
        <expirationDate>2008-12-15</expirationDate>
```

XML Example


```
        <versionDate>2008-09-25</versionDate>
        <licenseFileType>TEXT</licenseFileType>
        <licenseText>SERVER this_host HOSTNAME=son1334
VENDOR opsqa
USE_SERVER
INCREMENT Feature-TestRF007_1 opsqa 2.0 15-dec-2008 300 6DDB0CA76B84 \
VENDOR_STRING=vendorString ISSUER="My Corporation" \
ISSUED=25-sep-2008 NOTICE=notice SN=serialNumber \
START=25-sep-2008 SIGN="0002 1FE0 6A82 3666 9B42 0EB2 2D50 \
0300 A167 52A0 9811 B156 F88B F764 F360" SIGN2="00D2 75DC 4567 \
80E4 D2C6 5C22 6546 6300 6C15 B7A9 AFAA 8860 B027 78A0 9E9D"</licenseText>
        <supportAction>MASTER</supportAction>
        <lastModifiedDateTime>2008-09-26T00:16:00.588Z</lastModifiedDateTime>
        <parentFulfillmentId>
            <uniqueId>HID-111384</uniqueId>
            <primaryKeys>
                <fulfillmentId>FID__d79b1d8_11c9a8bfb08__7d96</fulfillmentId>
            </primaryKeys>
        </parentFulfillmentId>
        <fulfillmentSource>ONLINE</fulfillmentSource>
        <totalCopies>100</totalCopies>
        <numberOfRemainingCopies>50</numberOfRemainingCopies>
        <isTrusted>false</isTrusted>
        <vendorDaemonName>opsqa</vendorDaemonName>
    </fulfillment>
</getFulfillmentPropertiesResponse>
```

Element: getFulfillmentsQueryRequest

Description

A **getFulfillmentsQueryRequest** message contains an element of getFulfillmentsQueryRequestType.

Derived By

Type getFulfillmentsQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	fulfillmentsQueryParametersType	0..1	Required. See fulfillmentsQueryParametersType.
pageNumber	integer	1..1	Required. Starts at 1. Say the getFulfillmentCount operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.
includeLicenseText	boolean	0..1	Optional. Whether to include in the response the text of each individual license for each fulfillment. Default is true.
excludeInactiveObsoleteLineItems	boolean	0..1	
includeConsolidatedHostLicense	boolean	0..1	Optional. Whether to include in the response the text of one or more license files consolidated by host for all the fulfillments, if FlexNet Operations has been configured to use the SUPERSEDE keyword. If FlexNet Operations is not configured to use the SUPERSEDE keyword, the fulfillment's consolidated host license text is identical to the fulfillment's license text. Default is false.

Referenced By

Name	Type
getFulfillmentsQuery	Method

XML Example

The following XML fragment illustrates a **getFulfillmentsQueryRequest** message:

```
<getFulfillmentsQueryRequest>
  <queryParams>
    <activationId>
      <value>Ent_basic_1</value>
```

XML Example

```
        <searchType>EQUALS</searchType>
      </activationId>
    </queryParams>
    <pageNumber>1</pageNumber>
    <batchSize>50</batchSize>
  </getFulfillmentsQueryRequest>
```

Element: getFulfillmentsQueryResponse

Description

A **getFulfillmentsQueryResponse** message contains an element of getFulfillmentsQueryResponseType.

Derived By

Type getFulfillmentsQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getFulfillmentsQueryResponseDataType</td><td>0..1</td><td>See getFulfillmentsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getFulfillmentsQuery	Method

XML Example

The following XML fragment illustrates a successful **getFulfillmentsQueryResponse** message:

```
<getFulfillmentsQueryResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillment>
      <entitlementIdentifier>
        <uniqueId>HID-100270</uniqueId>
        <primaryKeys>
          <entitlementId>Ent_basic</entitlementId>
        </primaryKeys>
      </entitlementIdentifier>
      <fulfillmentIdentifier>
        <uniqueId>HID-100349</uniqueId>
        <primaryKeys>
          <fulfillmentId>FID_18c5...86f1__7ffb</fulfillmentId>
        </primaryKeys>
      </fulfillmentIdentifier>
      <fulfillmentType>CERTIFICATE</fulfillmentType>
      <lineItem>
        <uniqueId>HID-100288</uniqueId>
        <primaryKeys>
          <activationId>Ent_basic_1</activationId>
        </primaryKeys>
      </lineItem>
      <product>
        <uniqueId>HID-100245</uniqueId>
        <primaryKeys>
          <name>Product_basic</name>
          <version>1.0</version>
        </primaryKeys>
      </product>
      <soldTo>SENTRY</soldTo>
      <serverIds>
        <server1>HOSTNAME=testserver</server1>
      </serverIds>
      <fulfilledCount>5</fulfilledCount>
      <overDraftCount>3</overDraftCount>
      <fulfillDate>2005-11-12</fulfillDate>
      <isPermanent>false</isPermanent>
      <startDate>2005-11-30</startDate>
      <expirationDate>2006-11-30</expirationDate>
      <licenseText>entire_license_text</licenseText>
      <supportAction>MASTER</supportAction>
      <licenseModelAttributes>
        <attribute>
          <attributeName>VENDOR_STRING</attributeName>
          <stringValue>vendor string</stringValue>
        </attribute>
      </licenseModelAttributes>
      <state>ACTIVE</state>
    </fulfillment>
  </responseData>
</getFulfillmentsQueryResponse>
```

Element: getHostAttributesRequest

Description

A **getHostAttributesRequest** message contains an element of getHostAttributesRequestType.

Derived By

Type getHostAttributesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
licenseTechnologyIdentifier	licenseTechnologyIdentifierType	1..1	License technology of the product. See licenseTechnologyIdentifierType.
hostType	hostTypePKType	0..1	If a license technology has more than 1 host type, the host type must be specified. See hostTypePKType.

Referenced By

Name	Type
getHostAttributesFromLicenseTechnology	Method

XML Example

The following XML fragment illustrates a **getHostAttributesRequest** message:

```
<getHostAttributesRequest>
    <licenseTechnologyIdentifier>
        <primaryKeys>
            <name>CustomLT</name>
        </primaryKeys>
    </licenseTechnologyIdentifier>
 </getHostAttributesRequest>
```

Element: getHostAttributesResponse

Description

A **getHostAttributesFromLicenseTechnology** message contains an element of getHostAttributesResponseType.

Derived By

Type getHostAttributesResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getHostAttributesDataType</td><td>0..1</td><td>See getHostAttributesDataType.</td></tr>
</table>

Referenced By

Name	Type
getHostAttributesFromLicenseTechnology	Method

XML Example

The following XML fragment illustrates a successful **getHostAttributesResponse** message:

```
<getHostAttributesResponse>
    <statusInfo>
      <status>SUCCESS</status>
    </statusInfo>
    <responseData>
      <hostAttributes>
        <attribute>
          <attributeName>HostAttr1</attributeName>
          <attributeDataType>NUMBER</attributeDataType>
          <namespace>CustomLT</namespace>
        </attribute>
      </hostAttributes>
    </responseData>
  </getHostAttributesResponse>
```

Element: getHostCountRequest

Derived By

Type getHostCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	hostQueryParametersType	0..1	

Referenced By

Name	Type
getHostCount	Method

Element: getHostCountResponse

Derived By

Type getHostCountResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all, items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed. A string will give the reason for a failure or partial failure.
responseData	getHostCountResponseDataType	0..1	Contains an integer count element.

Referenced By

Name	Type
getHostCount	Method

Element: getHostQueryRequest

Derived By

Type getHostQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	hostQueryParametersType	0..1	Required. See hostQueryParametersType.
pageNumber	integer	1..1	Required. Starts at 1. If the **getHostCount** operation using the same query parameters returns 100 records, if the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getHostQuery	Method

Element: getHostQueryResponse

Derived By

Type getHostQueryResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	Returns one of the following: • SUCCESS—All items in the request were processed. • PARTIAL_FAILURE—Some, but not all, items in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the items in the request were processed. A string will give the reason for a failure or partial failure.
responseData	getHostQueryResponseDataType	0..1	See getHostQueryResponseDataType.

Referenced By

Name	Type
getHostQuery	Method

Element: manualActivationRequest

Description

A **manualActivationRequest** message contains an element of trustedRequestType.

Derived By

Type trustedRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
inputData	activationDataType	1..1	Required. A **manualActivationRequest** contains a single **inputData** element. See activationDataType.

Referenced By

Name	Type
manualActivation	Method

XML Example

The following XML fragment illustrates a **manualActivationRequest** message:

```
<manualActivationRequest>
  <inputData>
    <activationData>...</activationData>
  </inputData>
</manualActivationRequest>
```

Element: manualActivationResponse

Description

A **manualActivationResponse** message contains an element of trustedResponseType.

Derived By

Type trustedResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—The request was processed.
• FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>activationDataType</td><td>0..1</td><td>If the request was processed successfully, responseData contains an XML response string in an activationData element. This response is saved in a file and delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Referenced By

Name	Type
manualActivation	Method

XML Example

The following XML fragment illustrates a successful **manualActivationResponse** message:

```
<manualActivationResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <activationData>...</activationData>
```

XML Example

```
    </responseData>
  </manualActivationResponse>
```

Element: manualRepairRequest

Description

A **manualRepairRequest** message contains an element of trustedRequestType.

Derived By

Type trustedRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
inputData	activationDataType	1..1	Required. A **manualActivationRequest** contains a single **inputData** element. See activationDataType.

Referenced By

Name	Type
manualRepair	Method

XML Example

The following XML fragment illustrates a **manualRepairRequest** message:

```
<manualRepairRequest>
  <inputData>
    <activationData>...</activationData>
  </inputData>
</manualRepairRequest>
```

Element: manualRepairResponse

Description

A **manualRepairResponse** message contains an element of trustedResponseType.

Derived By

Type trustedResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—The request was processed.
• FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>activationDataType</td><td>0..1</td><td>If the request was processed successfully, responseData contains an XML response string in an activationData element. This response is saved in a file and delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Referenced By

Name	Type
manualRepair	Method

XML Example

The following XML fragment illustrates a successful **manualRepairResponse** message:

```
<manualRepairResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <activationData>...</activationData>
```

XML Example

```
    </responseData>
  </manualRepairResponse>
```

Element: manualReturnRequest

Description

A **manualReturnRequest** message contains an element of trustedRequestType.

Derived By

Type trustedRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
inputData	activationDataType	1..1	Required. A **manualActivationRequest** contains a single **inputData** element. See activationDataType.

Referenced By

Name	Type
manualReturn	Method

XML Example

The following XML fragment illustrates a **manualReturnRequest** message:

```
<manualReturnRequest>
  <inputData>
    <activationData>...</activationData>
  </inputData>
</manualReturnRequest>
```

Element: manualReturnResponse

Description

A **manualReturnResponse** message contains an element of trustedResponseType.

Derived By

Type trustedResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—The request was processed.
• FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>activationDataType</td><td>0..1</td><td>If the request was processed successfully, responseData contains an XML response string in an activationData element. This response is saved in a file and delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Referenced By

Name	Type
manualReturn	Method

XML Example

The following XML fragment illustrates a successful **manualReturnResponse** message:

```
<manualReturnResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <activationData>...</activationData>
```

XML Example

```
    </responseData>
  </manualReturnResponse>
```

Element: publisherErrorLicenseRequest

Description

A **publisherErrorLicenseRequest** message contains an element of publisherErrorFulfillmentRequestType.

Derived By

Type publisherErrorFulfillmentRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	publisherErrorFulfillmentDataType	1..*	See publisherErrorFulfillmentDataType.

Referenced By

Name	Type
publisherErrorLicense	Method

XML Example

The following XML fragment illustrates a **publisherErrorLicenseRequest** message:

```
<publisherErrorLicenseRequest>
  <fulfillment>
    <fulfillmentIdentifier>
      <primaryKeys>
        <fulfillmentId>FID_828cab6_14ddc48ce2a__7feb</fulfillmentId>
      </primaryKeys>
    </fulfillmentIdentifier>
    <serverIds>
      <server1>HOSTNAME=pe2-myserver1</server1>
    </serverIds>
    <nodeIds>
      <nodeId>HOSTNAME=pe2-mynode1</nodeId>
    </nodeIds>
    <fulfillCount>1</fulfillCount>
  </fulfillment>
</publisherErrorLicenseRequest>
```

Element: publisherErrorLicenseResponse

Description

A **publisherErrorLicenseResponse** message contains an element of publisherErrorFulfillmentResponseType.

Derived By

Type publisherErrorFulfillmentResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>publisherErrorResponseDataType</td><td>0..1</td><td>See publisherErrorResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedPublisherErrorResponselistDataType</td><td>0..1</td><td>See failedPublisherErrorResponselistDataType.</td></tr>
</table>

Referenced By

Name	Type
publisherErrorLicense	Method

XML Example

The following XML fragment illustrates a successful **publisherErrorLicenseResponse** message:


```
<publisherErrorLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillmentData>
      <recordRefNo>1</recordRefNo>
      <fulfillment>
        <entitlementIdentifier>
          <uniqueId>HID-4</uniqueId>
          <primaryKeys>
            <entitlementId>pe1</entitlementId>
          </primaryKeys>
        </entitlementIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-13</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_828cab6_14ddc48ce2a__7fea</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentType>CERTIFICATE</fulfillmentType>
        <lineItem>
          <uniqueId>HID-4</uniqueId>
          <primaryKeys>
            <activationId>pe-a1</activationId>
          </primaryKeys>
        </lineItem>
        <product>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <name>p1</name>
            <version>1.0</version>
          </primaryKeys>
        </product>
        <soldTo>UNKNOWN_ACCT_UNIT</soldTo>
        <shipToEmail/>
        <shipToAddress/>
        <serverIds>
          <server1>HOSTNAME=pe2-myserver1</server1>
        </serverIds>
        <nodeIds>
          <nodeId>HOSTNAME=pe2-mynode1</nodeId>
        </nodeIds>
        <fulfilledCount>1</fulfilledCount>
        <overDraftCount>0</overDraftCount>
        <fulfillDate>2015-06-10</fulfillDate>
        <fulfillDateTime>2015-06-10T09:18:35.622Z</fulfillDateTime>
        <isPermanent>true</isPermanent>
        <startDate>2015-06-10</startDate>
        <licenseText>SERVER this_host HOSTNAME=pe2-myserver1
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 permanent 1 HOSTID=HOSTNAME=pe2-mynode1 \
      ISSUER="My Corporation" ISSUED=10-jun-2015 START=9-jun-2015 \
      SIGN="002F 6162 5139 1979 B943 0C62 44DF 9E00 5BD6 3711 DEB0 \
```

XML Example


```
        4641 9C51 BC4B EA91"</licenseText>
          <consolidatedHostLicense>
            <license>#Please Do not delete this comment line.
SERVER this_host HOSTNAME=pe2-myserver1
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 permanent 1 HOSTID=HOSTNAME=pe2-mynode1 \
        ISSUER="My Corporation" ISSUED=10-jun-2015 START=9-jun-2015 \
        SIGN="002F 6162 5139 1979 B943 0C62 44DF 9E00 5BD6 3711 DEB0 \
        4641 9C51 BC4B EA91"</license>
          </consolidatedHostLicense>
          <supportAction>MASTER</supportAction>
          <lastModifiedDateTime>2015-06-10T09:18:35.646Z</lastModifiedDateTime>
          <parentFulfillmentId>
            <uniqueId>HID-12</uniqueId>
            <primaryKeys>
              <fulfillmentId>FID_828cab6_14ddc48ce2a__7feb</fulfillmentId>
            </primaryKeys>
          </parentFulfillmentId>
          <licenseTechnology>
            <uniqueId>HID-100</uniqueId>
            <primaryKeys>
              <name>FlexNet Licensing</name>
            </primaryKeys>
          </licenseTechnology>
          <licenseModelAttributes>
            <attribute>
              <attributeName>ISSUER</attributeName>
              <stringValue>My Corporation</stringValue>
            </attribute>
            <attribute>
              <attributeName>INCLUDE_USE_SERVER</attributeName>
              <booleanValue>true</booleanValue>
            </attribute>
            <attribute>
              <attributeName>ALLOW_ONE_TERMINAL_SERVER</attributeName>
              <booleanValue>false</booleanValue>
            </attribute>
            <attribute>
              <attributeName>NOTICE</attributeName>
            </attribute>
            <attribute>
              <attributeName>SERIAL_NUMBER</attributeName>
            </attribute>
            <attribute>
              <attributeName>VENDOR_STRING</attributeName>
            </attribute>
          </licenseModelAttributes>
          <state>ACTIVE</state>
          <fulfillmentSource>ONLINE</fulfillmentSource>
          <licenseFiles>
            <licenseFile>
              <licenseFileDefinitionName>FNP License</licenseFileDefinitionName>
              <licenseText>SERVER this_host HOSTNAME=pe2-myserver1
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 permanent 1 HOSTID=HOSTNAME=pe2-mynode1 \
        ISSUER="My Corporation" ISSUED=10-jun-2015 START=9-jun-2015 \
SIGN="002F 6162 5139 1979 B943 0C62 44DF 9E00 5BD6 3711 DEB0 \
4641 9C51 BC4B EA91"</licenseText>
            </licenseFile>
          </licenseFiles>
          <entitledProducts>
            <entitledProduct>
              <product>
                <uniqueId>HID-1</uniqueId>
```

XML Example


```
                <primaryKeys>
                  <name>p1</name>
                  <version>1.0</version>
                </primaryKeys>
              </product>
              <quantity>1</quantity>
            </entitledProduct>
          </entitledProducts>
          <activationType>DEFAULT</activationType>
        </fulfillment>
      </fulfillmentData>
    </responseData>
  </publisherErrorLicenseResponse>
```

Element: rehostLicenseRequest

Description

A **rehostLicenseRequest** message contains an element of rehostFulfillmentRequestType.

Derived By

Type rehostFulfillmentRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	rehostFulfillmentDataType	1..*	Required. A **rehostLicenseRequest** contains an array of **fulfillment** elements. See rehostFulfillmentDataType.

Referenced By

Name	Type
rehostLicense	Method

XML Example

The following XML fragment illustrates a **rehostLicenseRequest** message:

```
<rehostLicenseRequest>
  <fulfillment>
    <fulfillmentIdentifier>
      <primaryKeys>
        <fulfillmentId>FID_18c5...1__7ffb</fulfillmentId>
      </primaryKeys>
    </fulfillmentIdentifier>
    <serverIds>
      <server1>432143214321</server1>
    </serverIds>
    <partialCount>3</partialCount>
    <overDraftCount>1</overDraftCount>
  </fulfillment>
</rehostLicenseRequest>
```

Element: rehostLicenseResponse

Description

A **rehostLicenseResponse** message contains an element of rehostFulfillmentResponseType.

Each fulfillment in the **rehostLicenseRequest** is rehosted as an atomic unit; rehosting each either succeeds or fails

Derived By

Type rehostFulfillmentResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>rehostResponseDataType</td><td>0..1</td><td>Information about the fulfillments that were rehosted is listed in the responseData element. See rehostResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedRehostResponselistDataType</td><td>0..1</td><td>Information about the fulfillments that were not rehosted is listed in the failedData element. See failedRehostResponselistDataType.</td></tr>
</table>

Referenced By

Name	Type
rehostLicense	Method

XML Example

The following XML fragment illustrates a successful **rehostLicenseResponse** message:


```
<rehostLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillmentData>
      <recordRefNo>1</recordRefNo>
      <fulfillment>
        <entitlementIdentifier>
          <uniqueId>HID-100270</uniqueId>
          <primaryKeys>
            <entitlementId>Ent_basic</entitlementId>
          </primaryKeys>
        </entitlementIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-100418</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_18c5...86f1__7ff6</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentType>CERTIFICATE</fulfillmentType>
        <lineItem>
          <uniqueId>HID-100288</uniqueId>
          <primaryKeys>
            <activationId>Ent_basic_1</activationId>
          </primaryKeys>
        </lineItem>
        <product>
          <uniqueId>HID-100245</uniqueId>
          <primaryKeys>
            <name>Product_basic</name>
            <version>1.0</version>
          </primaryKeys>
        </product>
        <soldTo>SENTRY</soldTo>
        <serverIds>
          <server1>HOSTNAME=newserver</server1>
        </serverIds>
        <fulfilledCount>3</fulfilledCount>
        <overDraftCount>1</overDraftCount>
        <fulfillDate>2005-11-12</fulfillDate>
        <isPermanent>false</isPermanent>
        <startDate>2005-11-30</startDate>
        <expirationDate>2006-11-30</expirationDate>
        <licenseText>entire_license_text</licenseText>
        <supportAction>REHOST</supportAction>
        <licenseModelAttributes>
          <attribute>
            <attributeName>VENDOR_STRING</attributeName>
            <stringValue>vendor string</stringValue>
          </attribute>
        </licenseModelAttributes>
        <state>ACTIVE</state>
      </fulfillment>
      <fulfillment>
```

XML Example


```
        <entitlementIdentifier>
          <uniqueId>HID-100270</uniqueId>
          <primaryKeys>
            <entitlementId>Ent_basic</entitlementId>
          </primaryKeys>
        </entitlementIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-100433</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_18c5...ff86f1__7ff5</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentType>CERTIFICATE</fulfillmentType>
        <lineItem>
          <uniqueId>HID-100288</uniqueId>
          <primaryKeys>
            <activationId>Ent_basic_1</activationId>
          </primaryKeys>
        </lineItem>
        <product>
          <uniqueId>HID-100245</uniqueId>
          <primaryKeys>
            <name>Product_basic</name>
            <version>1.0</version>
          </primaryKeys>
        </product>
        <soldTo>SENTRY</soldTo>
        <serverIds>
          <server1>HOSTNAME=testserver</server1>
        </serverIds>
        <fulfilledCount>2</fulfilledCount>
        <overDraftCount>2</overDraftCount>
        <fulfillDate>2005-11-12</fulfillDate>
        <isPermanent>false</isPermanent>
        <startDate>2005-11-30</startDate>
        <expirationDate>2006-11-30</expirationDate>
        <licenseText>entire_license_text</licenseText>
        <supportAction>REHOST</supportAction>
        <licenseModelAttributes>
          <attribute>
            <attributeName>VENDOR_STRING</attributeName>
            <stringValue>vendor string</stringValue>
          </attribute>
        </licenseModelAttributes>
        <state>ACTIVE</state>
      </fulfillment>
    </fulfillmentData>
  </responseData>
</rehostLicenseResponse>
```

Element: renewFulfillmentRequest

Description

A **renewFulfillmentRequest** message contains an element of advancedFulfillmentLCRequestType.

Derived By

Type advancedFulfillmentLCRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentList	advancedFulfillmentLCListType	1..1	Required. An **renewFulfillmentRequest** contains an array of **fulfillmentList** elements. See advancedFulfillmentLCListType.

Referenced By

Name	Type
renewFulfillment	Method

XML Example

The following XML fragment illustrates a **renewFulfillmentRequest** message:

```
<renewFulfillmentRequest>
  <fulfillmentList>
    <fulfillment>
      <fulfillmentId>FID_1fcf0ce_567236d5d31__7ffd</fulfillmentId>
      <childActivationId>A-Renew-1R</childActivationId>
      <fulfillCount>1</fulfillCount>
      <licenseModelAttributes>
        <attribute>
          <attributeName>VENDOR_STRING</attributeName>
          <stringValue>vs</stringValue>
        </attribute>
      </licenseModelAttributes>
      <overridePolicy>false</overridePolicy>
    </fulfillment>
  </fulfillmentList>
</renewFulfillmentRequest>
```

Element: renewFulfillmentResponse

Description

A **renewFulfillmentResponse** message contains an element of advancedFulfillmentLCResponseType.

Each fulfillment in the **renewFulfillmentRequest** is created as an atomic unit; creating each either succeeds or fails.

Derived By

Type advancedFulfillmentLCResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>advancedFmtLCResponseDataListType</td><td>0..1</td><td>Information about the fulfillments that were created is listed in the responseData element. See advancedFmtLCResponseDataListType.</td></tr>
<tr><td>failedData</td><td>failedAdvancedFmtLCResponseDataType</td><td>0..1</td><td>Information about the fulfillments that were not created is listed in the failedData element. See failedAdvancedFmtLCResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
renewFulfillment	Method

XML Example

The following XML fragment illustrates a successful **renewFulfillmentResponse** message:

```
<renewFulfillmentResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillment>
      <recordRefNo>1</recordRefNo>
      <upgradedFulfillmentInfo>
        <uniqueId>HID-104188</uniqueId>
        <fulfillmentId>FID_1fcf0ce_1467f05f9df__7ffd</fulfillmentId>
        <licenseText>...</licenseText>
      </upgradedFulfillmentInfo>
    </fulfillment>
  </responseData>
</renewFulfillmentResponse>
```

Element: repairLicenseRequest

Description

A **repairLicenseRequest** message contains an element of repairFulfillmentRequestType.

Derived By

Type repairFulfillmentRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	repairFulfillmentDataType	1..*	Required. A **repairLicenseRequest** contains an array of **fulfillment** elements. See repairFulfillmentDataType.

Referenced By

Name	Type
repairLicense	Method

XML Example

The following XML fragment illustrates a **repairLicenseRequest** message:

```
<repairLicenseRequest>
  <fulfillment>
    <fulfillmentIdentifier>
      <primaryKeys>
        <fulfillmentId>FID_34085e71_7f2d_4ec9_9669_312f2e85bcde</fulfillmentId>
      </primaryKeys>
    </fulfillmentIdentifier>
    <licenseModelAttributes>
      <attribute>
        <attributeName>VENDOR_STRING</attributeName>
        <stringValue>MyVendorString</stringValue>
      </attribute>
    </licenseModelAttributes>
    <overridePolicy>false</overridePolicy>
  </fulfillment>
</repairLicenseRequest>
```

Element: repairLicenseResponse

Description

A **repairLicenseResponse** message contains an element of repairFulfillmentResponseType.

Each fulfillment in the **repairLicenseRequest** is repaired as an atomic unit; repairing each either succeeds or fails.

Derived By

Type repairFulfillmentResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>repairResponseDataType</td><td>0..1</td><td>Information about the fulfillments that were repaired is listed in the responseData element. See repairResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedRepairResponselistDataType</td><td>0..1</td><td>Information about the fulfillments that were not repaired is listed in the failedData element. See failedRepairResponselistDataType.</td></tr>
</table>

Referenced By

Name	Type
repairLicense	Method

XML Example

The following XML fragment illustrates a successful **repairLicenseResponse** message:


```
<repairLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillmentData>
      <recordRefNo>1</recordRefNo>
      <fulfillment>
        <entitlementIdentifier>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <entitlementId>se1</entitlementId>
          </primaryKeys>
        </entitlementIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-2</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_09455881_9759_45f4_9eab_25a0cf21ddbe</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentType>CERTIFICATE</fulfillmentType>
        <lineItem>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <activationId>se1-1</activationId>
          </primaryKeys>
        </lineItem>
        <product>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <name>P1</name>
            <version>1.0</version>
          </primaryKeys>
        </product>
        <soldTo>O1</soldTo>
        <shipToEmail/>
        <shipToAddress/>
        <serverIds>
          <server1>DISPLAY=test</server1>
        </serverIds>
        <fulfilledCount>1</fulfilledCount>
        <overDraftCount>0</overDraftCount>
        <fulfillDate>2015-10-01</fulfillDate>
        <fulfillDateTime>2015-10-01T21:52:07.041Z</fulfillDateTime>
        <isPermanent>false</isPermanent>
        <startDate>2015-10-01</startDate>
        <expirationDate>2015-10-30</expirationDate>
        <licenseText>SERVER this_host DISPLAY=test
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 30-oct-2015 1 VENDOR_STRING=MyVendorString \
        ISSUER="My Corporation" ISSUED=1-oct-2015 START=30-sep-2015 \
        SIGN="0076 6AE8 ABD2 354B BD51 8F7B B077 6200 F018 DB16 941C \
        97A5 E0EA 450C 5EB0"</licenseText>
        <consolidatedHostLicense>
```

XML Example


```
            <license>#Please Do not delete this comment line.
SERVER this_host DISPLAY=test
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 30-oct-2015 1 VENDOR_STRING=MyVendorString \
        ISSUER="My Corporation" ISSUED=1-oct-2015 START=30-sep-2015 \
        SIGN="0076 6AE8 ABD2 354B BD51 8F7B B077 6200 F018 DB16 941C \
        97A5 E0EA 450C 5EB0"</license>
          </consolidatedHostLicense>
          <supportAction>MASTER</supportAction>
          <lastModifiedDateTime>2015-10-01T21:52:07.096Z</lastModifiedDateTime>
          <parentFulfillmentId>
            <uniqueId>HID-1</uniqueId>
            <primaryKeys>
              <fulfillmentId>FID_34085e71_7f2d_4ec9_9669_312f2e85bcde</fulfillmentId>
            </primaryKeys>
          </parentFulfillmentId>
          <licenseTechnology>
            <uniqueId>HID-2</uniqueId>
            <primaryKeys>
              <name>FlexNet Licensing</name>
            </primaryKeys>
          </licenseTechnology>
          <licenseModelAttributes>
            <attribute>
              <attributeName>ISSUER</attributeName>
              <stringValue>My Corporation</stringValue>
            </attribute>
            <attribute>
              <attributeName>INCLUDE_USE_SERVER</attributeName>
              <booleanValue>true</booleanValue>
            </attribute>
            <attribute>
              <attributeName>ALLOW_ONE_TERMINAL_SERVER</attributeName>
              <booleanValue>false</booleanValue>
            </attribute>
            <attribute>
              <attributeName>NOTICE</attributeName>
            </attribute>
            <attribute>
              <attributeName>SERIAL_NUMBER</attributeName>
            </attribute>
            <attribute>
              <attributeName>VENDOR_STRING</attributeName>
              <stringValue>MyVendorString</stringValue>
            </attribute>
          </licenseModelAttributes>
          <state>ACTIVE</state>
          <fulfillmentSource>APPLICATION</fulfillmentSource>
          <licenseFiles>
            <licenseFile>
              <licenseFileDefinitionName>FNP License</licenseFileDefinitionName>
              <licenseText>SERVER this_host DISPLAY=test
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 30-oct-2015 1 VENDOR_STRING=MyVendorString \
        ISSUER="My Corporation" ISSUED=1-oct-2015 START=30-sep-2015 \
        SIGN="0076 6AE8 ABD2 354B BD51 8F7B B077 6200 F018 DB16 941C \
        97A5 E0EA 450C 5EB0"</licenseText>
            </licenseFile>
          </licenseFiles>
          <entitledProducts>
            <entitledProduct>
              <product>
                <uniqueId>HID-1</uniqueId>
                <primaryKeys>
```

XML Example


```
                <name>P1</name>
                <version>1.0</version>
              </primaryKeys>
            </product>
            <quantity>1</quantity>
          </entitledProduct>
        </entitledProducts>
        <activationType>DEFAULT</activationType>
      </fulfillment>
    </fulfillmentData>
  </responseData>
</repairLicenseResponse>
```

Element: repairShortCodeRequest

Description

A **repairShortCodeRequest** message contains an element of repairShortCodeRequestType.

Derived By

Type repairShortCodeRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCodeData	repairShortCodeDataType	0..1	Required. A **repairShortCodeRequest** contains a **shortCodeData** element. See repairShortCodeDataType.

Referenced By

Name	Type
repairShortCode	Method

XML Example

The following XML fragment illustrates a **repairShortCodeRequest** message:

```
<repairShortCodeRequest>
  <shortCodeData>
    <shortCode>...</shortCode>
    <webRegkey>WRK-1</webRegkey>
  </shortCodeData>
</repairShortCodeRequest>
```

Element: repairShortCodeResponse

Description

A **repairShortCodeResponse** message contains an element of repairShortCodeResponseType.

Derived By

Type repairShortCodeResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—The request was processed.
• FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRepairShortCodeDataType</td><td>0..1</td><td>Information about a short code repair response that was not generated is listed in the failedData element. See failedRepairShortCodeDataType.</td></tr>
<tr><td>responseData</td><td>repairedShortCodeDataType</td><td>0..1</td><td>Information about a short code repair response that was generated is listed in the responseData element. responseData contains a shortCode repair response string. This response is delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Referenced By

Name	Type
repairShortCode	Method

XML Example

The following XML fragment illustrates a successful **repairShortCodeResponse** message:

XML Example

```
<repairShortCodeResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <shortCode>...</shortCode>
  </responseData>
</repairShortCodeResponse>
```

Element: returnLicenseRequest

Description

A **returnLicenseRequest** message contains an element of returnFulfillmentRequestType.

Derived By

Type returnFulfillmentRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	returnFulfillmentDataType	1..*	Required. A **returnLicenseRequest** contains an array of **fulfillment** elements. See returnFulfillmentDataType.

Referenced By

Name	Type
returnLicense	Method

XML Example

The following XML fragment illustrates a **returnLicenseRequest** message:

```
<returnLicenseRequest>
  <fulfillment>
    <fulfillmentIdentifier>
      <primaryKeys>
        <fulfillmentId>FID_f614ad8f_c508_4648_aeaa_29e18babc3a8</fulfillmentId>
      </primaryKeys>
    </fulfillmentIdentifier>
    <partialCount>1</partialCount>
    <overridePolicy>false</overridePolicy>
  </fulfillment></returnLicenseRequest>
```

Element: returnLicenseResponse

Description

A **returnLicenseResponse** message contains an element of returnFulfillmentResponseType.

Each fulfillment in the **returnLicenseRequest** is returned as an atomic unit; returning each either succeeds or fails.

Derived By

Type returnFulfillmentResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>returnResponseDataType</td><td>0..1</td><td>Information about the fulfillments that were returned is listed in the responseData element. For returnLicense, this data is only populated in the case of a partial return, not a successful one. See returnResponseDataType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
failedData	failedReturnResponselistDataType	0..1	Information about the fulfillments that were not returned is listed in the **failedData** element. See failedReturnResponselistDataType.

Referenced By

Name	Type
returnLicense	Method

XML Example

The following XML fragment illustrates a successful **returnLicenseResponse** message:

```
<returnLicenseResponse xmlns="urn:com.macrovision:flexnet/operations">
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillmentData>
      <recordRefNo>1</recordRefNo>
      <fulfillment>
        <entitlementIdentifier>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <entitlementId>se1</entitlementId>
          </primaryKeys>
        </entitlementIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-4</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_fabb1487_940d_4c4f_9e66_d468cace5bb7</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentType>CERTIFICATE</fulfillmentType>
        <lineItem>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <activationId>se1-1</activationId>
          </primaryKeys>
        </lineItem>
        <product>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <name>P1</name>
            <version>1.0</version>
          </primaryKeys>
        </product>
        <soldTo>O1</soldTo>
        <shipToEmail/>
        <shipToAddress/>
        <serverIds>
          <server1>DISPLAY=test</server1>
        </serverIds>
        <fulfilledCount>2</fulfilledCount>
        <overDraftCount>0</overDraftCount>
        <fulfillDate>2015-10-01</fulfillDate>
        <fulfillDateTime>2015-10-01T21:57:23.238Z</fulfillDateTime>
```

XML Example


```
          <isPermanent>false</isPermanent>
          <startDate>2015-10-01</startDate>
          <expirationDate>2015-10-30</expirationDate>
          <licenseText>SERVER this_host DISPLAY=test
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 30-oct-2015 2 ISSUER="My Corporation" \
        ISSUED=1-oct-2015 START=30-sep-2015 SIGN="002A 4DB7 4541 C283 \
        8C82 F10A 5F6C 3B00 AAE3 3CC2 9203 8367 FA9F 05A8 1D06"</licenseText>
          <consolidatedHostLicense>
            <license>#Please Do not delete this comment line.
SERVER this_host DISPLAY=test
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 30-oct-2015 2 ISSUER="My Corporation" \
        ISSUED=1-oct-2015 START=30-sep-2015 SIGN="002A 4DB7 4541 C283 \
        8C82 F10A 5F6C 3B00 AAE3 3CC2 9203 8367 FA9F 05A8 1D06"</license>
          </consolidatedHostLicense>
          <supportAction>MASTER</supportAction>
          <lastModifiedDateTime>2015-10-01T21:57:23.280Z</lastModifiedDateTime>
          <parentFulfillmentId>
            <uniqueId>HID-3</uniqueId>
            <primaryKeys>
              <fulfillmentId>FID_f614ad8f_c508_4648_aeaa_29e18babc3a8</fulfillmentId>
            </primaryKeys>
          </parentFulfillmentId>
          <licenseTechnology>
            <uniqueId>HID-2</uniqueId>
            <primaryKeys>
              <name>FlexNet Licensing</name>
            </primaryKeys>
          </licenseTechnology>
          <licenseModelAttributes>
            <attribute>
              <attributeName>ISSUER</attributeName>
              <stringValue>My Corporation</stringValue>
            </attribute>
            <attribute>
              <attributeName>INCLUDE_USE_SERVER</attributeName>
              <booleanValue>true</booleanValue>
            </attribute>
            <attribute>
              <attributeName>ALLOW_ONE_TERMINAL_SERVER</attributeName>
              <booleanValue>false</booleanValue>
            </attribute>
            <attribute>
              <attributeName>NOTICE</attributeName>
            </attribute>
            <attribute>
              <attributeName>SERIAL_NUMBER</attributeName>
            </attribute>
            <attribute>
              <attributeName>VENDOR_STRING</attributeName>
            </attribute>
          </licenseModelAttributes>
          <state>ACTIVE</state>
          <fulfillmentSource>ONLINE</fulfillmentSource>
          <licenseFiles>
            <licenseFile>
              <licenseFileDefinitionName>FNP License</licenseFileDefinitionName>
              <licenseText>SERVER this_host DISPLAY=test
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 30-oct-2015 2 ISSUER="My Corporation" \
        ISSUED=1-oct-2015 START=30-sep-2015 SIGN="002A 4DB7 4541 C283 \
        8C82 F10A 5F6C 3B00 AAE3 3CC2 9203 8367 FA9F 05A8 1D06"</licenseText>
```

XML Example


```
            </licenseFile>
          </licenseFiles>
          <entitledProducts>
            <entitledProduct>
              <product>
                <uniqueId>HID-1</uniqueId>
                <primaryKeys>
                  <name>P1</name>
                  <version>1.0</version>
                </primaryKeys>
              </product>
              <quantity>1</quantity>
            </entitledProduct>
          </entitledProducts>
          <activationType>DEFAULT</activationType>
        </fulfillment>
      </fulfillmentData>
    </responseData>
  </returnLicenseResponse>
```

Element: returnShortCodeRequest

Description

A **returnShortCodeRequest** message contains an element of returnShortCodeRequestType.

Derived By

Type returnShortCodeRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
shortCodeData	returnShortCodeDataType	0..1	Required. A **returnShortCodeRequest** contains a **shortCodeData** element. See returnShortCodeDataType.
returnReason	ReturnedShortCodeReturnReason	0..1	Optional. The **returnReason** value can be: • UPGRADE • UPSELL • RENEW • REHOST The **returnReason** value affects which policy FlexNet Operations checks for the return—return policy or rehost policy. If the return reason is REHOST, the rehost policy is checked. For any other return reason or if no reason is specified, the return policy is checked.

Referenced By

Name	Type
returnShortCode	Method

XML Example

The following XML fragment illustrates a **returnShortCodeRequest** message:

```
<returnShortCodeRequest>
  <shortCodeData>
    <shortCode>...</shortCode>
    <webRegkey>WRK-1</webRegkey>
  </shortCodeData>
  <returnReason>REHOST</returnReason>
</returnShortCodeRequest>
```

Element: returnShortCodeResponse

Description

A **returnShortCodeResponse** message contains an element of returnShortCodeResponseType.

Derived By

Type returnShortCodeResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
• SUCCESS—The request was processed.
• FAILURE—The request was not processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedReturnShortCodeDataType</td><td>0..1</td><td>Information about a short code return response that was not generated is listed in the failedData element. See failedReturnShortCodeDataType.</td></tr>
<tr><td>responseData</td><td>returnedShortCodeDataType</td><td>0..1</td><td>Information about a short code return response that was generated is listed in the responseData element. responseData contains a shortCode return response string. This response is delivered back to the customer to enter into an activation utility.</td></tr>
</table>

Referenced By

Name	Type
returnShortCode	Method

XML Example

The following XML fragment illustrates a successful **returnShortCodeResponse** message:

XML Example

```
<returnShortCodeResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <shortCode>...</shortCode>
  </responseData>
</returnShortCodeResponse>
```

Element: setLicenseRequest

Description

A **setLicenseRequest** message contains an element of setLicenseRequestType.

Derived By

Type setLicenseRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
onholdFulfillmentList	onholdFulfillmentListType	1..1	See onholdFulfillmentListType.

Referenced By

Name	Type
setLicense	Method

XML Example

The following XML fragment illustrates a **setLicenseRequest** message:

```
<setLicenseRequest>
    <onholdFulfillmentList>
      <onholdFmtLicenseData>
        <fulfillmentId>FID_293c149a_11a36fd4eab__7ff2</fulfillmentId>
        <textLicense>test license</textLicense>
      </onholdFmtLicenseData>
    </onholdFulfillmentList>
  </setLicenseRequest>
```

Element: setLicenseResponse

Description

A **setLicenseResponse** message contains an element of setLicenseResponseType.

Derived By

Type setLicenseResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedSetLicenseOnholdFulfillmentListType</td><td>0..1</td><td>Populated if setting the license failed. See failedSetLicenseOnholdFulfillmentListType.</td></tr>
</table>

Referenced By

Name	Type
setLicense	Method

XML Example

The following XML fragment illustrates a successful **setLicenseResponse** message:

```
<setLicenseResponse>
      <statusInfo>
        <status>SUCCESS</status>
      </statusInfo>
    </setLicenseResponse>
```

Element: stopGapLicenseRequest

Description

A **stopGapLicenseRequest** message contains an element of stopGapFulfillmentRequestType.

Derived By

Type stopGapFulfillmentRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	stopGapFulfillmentDataType	1..*	See stopGapFulfillmentDataType.

Referenced By

Name	Type
stopGapLicense	Method

XML Example

The following XML fragment illustrates a **stopGapLicenseRequest** message:

```
<stopGapLicenseRequest>
  <fulfillment>
    <fulfillmentIdentifier>
      <primaryKeys>
        <fulfillmentId>FID_828cab6_14ddc48ce2a__7ff0</fulfillmentId>
      </primaryKeys>
    </fulfillmentIdentifier>
    <startDate>2015-06-06</startDate>
    <endDate>2015-08-09</endDate>
  </fulfillment>
</stopGapLicenseRequest>
```

Element: stopGapLicenseResponse

Description

A **stopGapLicenseResponse** message contains an element of stopGapFulfillmentResponseType.

Derived By

Type stopGapFulfillmentResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th></th><th></th><th></th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>stopGapResponseDataType</td><td>0..1</td><td>See stopGapResponseDataType.</td></tr>
<tr><td>failedData</td><td>failedStopGapResponselistDataType</td><td>0..1</td><td>See failedStopGapResponselistDataType.</td></tr>
</table>

Referenced By

Name	Type
stopGapLicense	Method

XML Example

The following XML fragment illustrates a successful **stopGapLicenseResponse** message:


```
<stopGapLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillmentData>
      <recordRefNo>1</recordRefNo>
      <fulfillment>
        <entitlementIdentifier>
          <uniqueId>HID-3</uniqueId>
          <primaryKeys>
            <entitlementId>sg1</entitlementId>
          </primaryKeys>
        </entitlementIdentifier>
        <fulfillmentIdentifier>
          <uniqueId>HID-9</uniqueId>
          <primaryKeys>
            <fulfillmentId>FID_828cab6_14ddc48ce2a__7fef</fulfillmentId>
          </primaryKeys>
        </fulfillmentIdentifier>
        <fulfillmentType>CERTIFICATE</fulfillmentType>
        <lineItem>
          <uniqueId>HID-3</uniqueId>
          <primaryKeys>
            <activationId>sga1</activationId>
          </primaryKeys>
        </lineItem>
        <product>
          <uniqueId>HID-1</uniqueId>
          <primaryKeys>
            <name>p1</name>
            <version>1.0</version>
          </primaryKeys>
        </product>
        <soldTo>UNKNOWN_ACCT_UNIT</soldTo>
        <shipToEmail/>
        <shipToAddress/>
        <serverIds>
          <server1>HOSTNAME=sgh2</server1>
        </serverIds>
        <nodeIds>
          <nodeId>HOSTNAME=sghh2</nodeId>
        </nodeIds>
        <fulfilledCount>2</fulfilledCount>
        <overDraftCount>0</overDraftCount>
        <fulfillDate>2015-06-10</fulfillDate>
        <fulfillDateTime>2015-06-10T09:00:43.635Z</fulfillDateTime>
        <isPermanent>false</isPermanent>
        <startDate>2015-06-05</startDate>
        <expirationDate>2015-08-08</expirationDate>
        <licenseText>SERVER this_host HOSTNAME=sgh2
VENDOR demo
USE_SERVER
INCREMENT f1 demo 1.0 8-aug-2015 2 HOSTID=HOSTNAME=sghh2 ISSUER="My \
      Corporation" ISSUED=10-jun-2015 START=5-jun-2015 SIGN="0050 \
```

XML Example


```
        D5D5 3608 DE22 36D4 46C1 71F5 DB00 9F39 5D06 FE37 C792 0D8B \
        4F42 13FD"</licenseText>
          <consolidatedHostLicense>
            <license>#Please Do not delete this comment line.
    SERVER this_host HOSTNAME=sgh2
    VENDOR demo
    USE_SERVER
    INCREMENT f1 demo 1.0 8-aug-2015 2 HOSTID=HOSTNAME=sghh2 ISSUER="My \
        Corporation" ISSUED=10-jun-2015 START=5-jun-2015 SIGN="0050 \
        D5D5 3608 DE22 36D4 46C1 71F5 DB00 9F39 5D06 FE37 C792 0D8B \
        4F42 13FD"</license>
          </consolidatedHostLicense>
          <supportAction>STOPGAP</supportAction>
          <lastModifiedDateTime>2015-06-10T09:00:43.642Z</lastModifiedDateTime>
          <parentFulfillmentId>
            <uniqueId>HID-8</uniqueId>
            <primaryKeys>
              <fulfillmentId>FID_828cab6_14ddc48ce2a__7ff0</fulfillmentId>
            </primaryKeys>
          </parentFulfillmentId>
          <licenseTechnology>
            <uniqueId>HID-100</uniqueId>
            <primaryKeys>
              <name>FlexNet Licensing</name>
            </primaryKeys>
          </licenseTechnology>
          <licenseModelAttributes>
            <attribute>
              <attributeName>ISSUER</attributeName>
              <stringValue>My Corporation</stringValue>
            </attribute>
            <attribute>
              <attributeName>INCLUDE_USE_SERVER</attributeName>
              <booleanValue>true</booleanValue>
            </attribute>
            <attribute>
              <attributeName>ALLOW_ONE_TERMINAL_SERVER</attributeName>
              <booleanValue>false</booleanValue>
            </attribute>
            <attribute>
              <attributeName>NOTICE</attributeName>
            </attribute>
            <attribute>
              <attributeName>SERIAL_NUMBER</attributeName>
            </attribute>
            <attribute>
              <attributeName>VENDOR_STRING</attributeName>
            </attribute>
          </licenseModelAttributes>
          <state>ACTIVE</state>
          <fulfillmentSource>APPLICATION</fulfillmentSource>
          <licenseFiles>
            <licenseFile>
              <licenseFileDefinitionName>FNP License</licenseFileDefinitionName>
              <licenseText>SERVER this_host HOSTNAME=sgh2
    VENDOR demo
    USE_SERVER
    INCREMENT f1 demo 1.0 8-aug-2015 2 HOSTID=HOSTNAME=sghh2 ISSUER="My \
        Corporation" ISSUED=10-jun-2015 START=5-jun-2015 SIGN="0050 \
        D5D5 3608 DE22 36D4 46C1 71F5 DB00 9F39 5D06 FE37 C792 0D8B \
        4F42 13FD"</licenseText>
            </licenseFile>
          </licenseFiles>
          <entitledProducts>
            <entitledProduct>
              <product>
```

XML Example


```
                <uniqueId>HID-1</uniqueId>
                <primaryKeys>
                  <name>p1</name>
                  <version>1.0</version>
                </primaryKeys>
              </product>
              <quantity>1</quantity>
            </entitledProduct>
          </entitledProducts>
          <activationType>DEFAULT</activationType>
        </fulfillment>
      </fulfillmentData>
    </responseData>
  </stopGapLicenseResponse>
```

Element: transferHostRequest

Description

A **transferHostRequest** message contains an element of transferHostRequestType.

Derived By

Type transferHostRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sourceHosts	transferHostList	1..1	Required. See transferHostList.
soldTo	string	0..1	A string that identifies the target account by its account name.
poolEntitlements	boolean	0..1	True, if existing, matching line items at the target account are to be pooled. False, to always create new line items at the target account.

Referenced By

Name	Type
transferHost	Method

XML Example

The following XML fragment illustrates a **transferHostRequest** message:

```
<transferHostRequest>
  <sourceHosts>
    <hostIdentifier>
      <soldTo>ACME</soldTo>
      <serverIds>
        <server1>DISPLAY=up</server1>
      </serverIds>
    </hostIdentifier>
  </sourceHosts>
  <soldTo>WILY</soldTo>
  <poolEntitlements>false</poolEntitlements>
</transferHostRequest>
```

Element: transferHostResponse

Description

A **transferHostResponse** message contains an element of transferHostResponseType.

Each entitlement in the **transferHostResponseType** is transferred as an atomic unit; transferring each either succeeds or fails.

Derived By

Type transferHostResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedTransferHostListDataType</td><td>0..1</td><td>Information about the line items that were not added is listed in the failedData element. See failedTransferHostListDataType.</td></tr>
</table>

Referenced By

Name	Type
transferHost	Method

XML Example

The following XML fragment illustrates a successful **transferEntitlementsResponse** message:

```
<transferHostResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</transferHostResponse>
```

The following XML fragment illustrates a failed **transferEntitlementsResponse** message:

```
<transferHostResponse>
  <statusInfo>
    <status>FAILURE</status>
  </statusInfo>
  <failedData>
    <failedHost>
      <hostIdentifier>
        <soldTo>ACME</soldTo>
        <serverIds>
        <server1>DISPLAY=up1</server1>
        </serverIds>
      </hostIdentifier>
      <reason>20257:Host ID is invalid.</reason>
    </failedHost>
  </failedData>
</transferHostResponse>
```

Element: upgradeFulfillmentRequest

Description

An **upgradeFulfillmentRequest** message contains an element of advancedFulfillmentLCRequestType.

Derived By

Type advancedFulfillmentLCRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentList	advancedFulfillmentLCListType	1..1	Required. An **renewFulfillmentRequest** contains an array of **fulfillmentList** elements. See advancedFulfillmentLCListType.

Referenced By

Name	Type
upgradeFulfillment	Method

XML Example

The following XML fragment illustrates an **upgradeFulfillmentRequest** message:

```
<upgradeFulfillmentRequest>
  <fulfillmentList>
    <fulfillment>
      <fulfillmentId>FID_1fcf0ce_1112f05f9df__7ffc</fulfillmentId>
      <startDate>2008-03-04</startDate>
      <licenseModelAttributes>
        <attribute>
          <attributeName>VENDOR_STRING</attributeName>
          <stringValue>vs</stringValue>
        </attribute>
      </licenseModelAttributes>
      <overridePolicy>false</overridePolicy>
    </fulfillment>
  </fulfillmentList>
</upgradeFulfillmentRequest>
```

Element: upgradeFulfillmentResponse

Description

An **upgradeFulfillmentResponse** message contains an element of advancedFulfillmentLCResponseType.

Each fulfillment in the **upgradeFulfillmentRequest** is created as an atomic unit; creating each either succeeds or fails.

Derived By

Type advancedFulfillmentLCResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All entitlements in the request were processed. • PARTIAL_FAILURE—Some, but not all entitlements in the request were processed. • FAILURE—None of the entitlements in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	advancedFmtLCResponseDataListType	0..1	Information about the fulfillments that were created is listed in the **responseData** element. See advancedFmtLCResponseDataListType.
failedData	failedAdvancedFmtLCResponseDataType	0..1	Information about the fulfillments that were not created is listed in the **failedData** element. See failedAdvancedFmtLCResponseDataType.

Referenced By

Name	Type
upgradeFulfillment	Method

XML Example

The following XML fragment illustrates a successful **upgradeFulfillmentResponse** message:

```
<upgradeFulfillmentResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillment>
      <recordRefNo>1</recordRefNo>
      <upgradedFulfillmentInfo>
        <uniqueId>HID-104314</uniqueId>
        <fulfillmentId>FID_1fcf0ce_1112f05f9df__7ffa</fulfillmentId>
        <licenseText>...</licenseText>
      </upgradedFulfillmentInfo>
    </fulfillment>
  </responseData>
</upgradeFulfillmentResponse>
```

Element: upsellFulfillmentRequest

Description

An **upsellFulfillmentRequest** message contains an element of advancedFulfillmentLCRequestType.

Derived By

Type advancedFulfillmentLCRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentList	advancedFulfillmentLCListType	1..1	Required. An **renewFulfillmentRequest** contains an array of **fulfillmentList** elements. See advancedFulfillmentLCListType.

Referenced By

Name	Type
upsellFulfillment	Method

XML Example

The following XML fragment illustrates an **upsellFulfillmentRequest** message:

```
<upsellFulfillmentRequest>
  <fulfillmentList>
    <fulfillment>
      <fulfillmentId>FID_1fcf0ce_1e52f05f9df__7ffb</fulfillmentId>
      <startDate>2008-03-04</startDate>
      <licenseModelAttributes>
        <attribute>
          <attributeName>VENDOR_STRING</attributeName>
          <stringValue>vs</stringValue>
        </attribute>
      </licenseModelAttributes>
      <overridePolicy>false</overridePolicy>
    </fulfillment>
  </fulfillmentList>
</upsellFulfillmentRequest>
```

Element: upsellFulfillmentResponse

Description

An **upsellFulfillmentResponse** message contains an element of advancedFulfillmentLCResponseType.

Each fulfillment in the **upsellFulfillmentRequest** is created as an atomic unit; creating each either succeeds or fails.

Derived By

Type advancedFulfillmentLCResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All entitlements in the request were processed.
PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.
FAILURE—None of the entitlements in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>advancedFmtLCResponseDataListType</td><td>0..1</td><td>Information about the fulfillments that were created is listed in the responseData element. See advancedFmtLCResponseDataListType.</td></tr>
<tr><td>failedData</td><td>failedAdvancedFmtLCResponseDataType</td><td>0..1</td><td>Information about the fulfillments that were not created is listed in the failedData element. See failedAdvancedFmtLCResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
upsellFulfillment	Method

XML Example

The following XML fragment illustrates a successful **upsellFulfillmentResponse** message:

```
<upsellFulfillmentResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <fulfillment>
      <recordRefNo>1</recordRefNo>
      <upgradedFulfillmentInfo>
        <uniqueId>HID-104360</uniqueId>
        <fulfillmentId>FID_1fcf0ce_1112f05f9df__7ff9</fulfillmentId>
        <licenseText>...</licenseText>
      </upgradedFulfillmentInfo>
    </fulfillment>
  </responseData>
</upsellFulfillmentResponse>
```

Element: verifyCreateLicenseRequest

Description

A **verifyCreateLicenseRequest** message contains an element of createFulfillmentRequestType.

Derived By

Type createFulfillmentRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	createFulfillmentDataType	1..*	Required. A **createFulfillmentRequest** contains an array of **fulfillment** elements to be verified. See createFulfillmentDataType.

Referenced By

Name	Type
verifyCreateLicense	Method

XML Example

The following XML fragment illustrates a **verifyCreateLicenseRequest** message:

```
<verifyCreateLicenseRequest>
  <fulfillment>
    <activationId>Ent_basic_1</activationId>
    <fulfillCount>5</fulfillCount>
    <overDraftCount>3</overDraftCount>
    <startDate>2005-11-30</startDate>
    <serverIds>
      <server1>HOSTNAME=testserver</server1>
    </serverIds>
    <licenseModelAttributes>
      <attribute>
        <attributeName>VENDOR_STRING</attributeName>
        <stringValue>vendor string</stringValue>
      </attribute>
    </licenseModelAttributes>
  </fulfillment>
</verifyCreateLicenseRequest>
```

Element: verifyCreateLicenseResponse

Description

A **verifyCreateLicenseResponse** message contains an element of createFulfillmentResponseType.

Derived By

Type createFulfillmentResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All items in the request were processed.
PARTIAL_FAILURE—Some, but not all items in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the items in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedFulfillmentDataListType</td><td>0..1</td><td>Information about the licenses that were not verified is listed in the failedData element. See failedFulfillmentDataListType.</td></tr>
</table>

Content Model

Component	Type	Occurs	Description
responseData	createdFulfillmentDataListType	0..1	Information about the licenses that were verified is listed in the **responseData** element. See createdFulfillmentDataListType.

Referenced By

Name	Type
verifyCreateLicense	Method

XML Example

The following XML fragment illustrates a successful **verifyCreateLicenseResponse** message:

```
<verifyCreateLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <createdFulfillment>
      <recordRefNo>1</recordRefNo>
      <uniqueId>HID-100349</uniqueId>
      <fulfillmentId>FID_18c5...86f1__7ffb</fulfillmentId>
      <licenseText>entire_license_text</licenseText>
    </createdFulfillment>
  </responseData>
</verifyCreateLicenseResponse>
```

FlexnetAuthentication Web Service

Description

Web service to manage Flexnet authentication.

Introduction

The Flexnet Authentication service manages the authentication of a FlexNet Operations user by processing a token passed from another application that performs user authentication, such as a company portal.

Methods: FlexnetAuthenticationService

Methods

Name	Description
getSecureToken	The **getSecureToken** operation receives a user identity from an external application to which an end-user has logged in successfully. A unique token is generated for the user identity in the request and passed back to the requesting application. The external application uses this token to support a single sign-on mechanism that allows the end-user to bypass the FlexNet Operations login page.

Method: getSecureToken

Description

The **getSecureToken** operation receives a user identity from an external application to which an end-user has logged in successfully. A unique token is generated for the user identity in the request and passed back to the requesting application. The external application uses this token to support a single sign-on mechanism that allows the end-user to bypass the FlexNet Operations login page.

Parameters

Name	Type	Direction	Description
secureTokenRequest	IdentityType	Input	See IdentityType.

Returns

A secureTokenResponse element having the structure defined by the following table.

Name	Type	Description
token	string	Secure token passed back to the external application. This token supports the implementation of a single sign-on mechanism for the external application and FlexNet Operations. The token should be used for the same user identity that is passed in the request.

Complex Types: FlexnetAuthenticationService

Complex Types

Name
IdentityType
TokenResponseType

Complex Type: IdentityType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userId	string	1..1	**userId** is the identity of the user for whom the token will be requested. FlexNet Operations will generate a token linked to this **userId**.
tokenTimeoutSeconds	integer	0..1	

Referenced By

Name	Type
secureTokenRequest	Element
getSecureToken	Method

Complex Type: TokenResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
token	string	1..1	Secure token passed back to the external application. This token supports the implementation of a single sign-on mechanism for the external application and FlexNet Operations. The token should be used for the same user identity that is passed in the request.

Referenced By

Name	Type
secureTokenResponse	Element

Elements: FlexnetAuthenticationService

Elements

Name	Description
secureTokenRequest	A **secureTokenRequest** contains an element of IdentityType.
secureTokenResponse	A s**ecureTokenResponse** message contains an element of SecureTokenReturnType.
tokenTimeoutSeconds [type IdentityType]	

Element: secureTokenRequest

Description

A **secureTokenRequest** contains an element of IdentityType.

Derived By

Type IdentityType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userId	string	1..1	**userId** is the identity of the user for whom the token will be requested. FlexNet Operations will generate a token linked to this **userId**.
tokenTimeoutSeconds	integer	0..1	

Referenced By

Name	Type
getSecureToken	Method

XML Example

The following XML fragment illustrates a **getSecureTokenRequest** message:

```
<secureTokenRequest>
    <userId>sjoe</userId>
</secureTokenRequest>
```

Element: secureTokenResponse

Description

A s**ecureTokenResponse** message contains an element of SecureTokenReturnType.

Derived By

Type TokenResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
token	string	1..1	Secure token passed back to the external application. This token supports the implementation of a single sign-on mechanism for the external application and FlexNet Operations. The token should be used for the same user identity that is passed in the request.

Referenced By

Name	Type
getSecureToken	Method

XML Example

The following XML fragment illustrates a **secureTokenResponse** message:

```
<secureTokenResponse>
    <token>ras12hkflgthksgymjk</token>
</secureTokenResponse>
```

Element: tokenTimeoutSeconds [type IdentityType]

Derived By

Type integer

Referenced By

Name	Type
IdentityType	Complex Type

Definition

See IdentityType

UserAcctHierarchyService Web Service

Description

Web service to create, update and query account hierarchies as well as to create, update or delete users and user roles in an account.

Introduction

The User Account Hierarchy service manages user account hierarchies.

Methods: UserAcctHierarchyService

Methods

Name	Description
addDomainUsers	
createAccount	The **createAccount** operation takes the details of one or more accounts and adds them to the system.
createUser	The **createUser** operation is used to create one or more FlexNet domain users or contacts and link them to one or more accounts.
deleteAccount	The **deleteAccount** operation is used to delete one or more accounts. **Note:** the following accounts cannot be deleted: • MYORG • PORTAL_ORG_UNIT • UNKNOWN_ORG_UNIT
deleteDomainUsers	
deleteUser	The **deleteUser** operation is used to delete users and contacts in an account, including FlexNet domain users and domain users from the FlexNet Operations database.
getAccountCount	The **getAccountCount** operation takes one or more query parameters and returns the matching number of accounts.
getAccountsQuery	The **getAccountsQuery** operation takes one or more query parameters and returns the matching accounts.
getParentAccounts	The **getParentAccounts** operation takes one account and returns its first-level parents.
getRelatedAccounts	The **getRelatedAccounts** takes the name of an account and returns the CHANNEL_PARTNER or CUSTOMER accounts to which the account is related. The response will be SUCCESS but return no records if the account is • A CHANNEL_PARTNER or CUSTOMER account without any relationships • An account of a type other than CHANNEL_PARTNER or CUSTOMER
getSubAccounts	The **getSubAccounts** operation takes one account and returns its first-level child subaccounts.
getUserAccountsExpiryQuery	The **getUserAccountsExpiryQuery** operation lists all the expired users of the account. **Note 1:** If the **Enable User Expiration** is not selected in the FlexNet Operations system configuration, the following error message will result: User Account Expiration Configuration is Disabled. **Note 2:** This query will only fetch users that have an associated account expiration date. Permanent account users will not be listed.
getUserCount	The **getUserCount** operation takes one or more query parameters and returns the matching number of users.

Methods

Name	Description
getUserPermissions	The **getUserPermissions** operation returns a list of permissions based on the roles a given user has within their accounts. This takes in a username and domain name as inputs and returns out a list of permissions, the user's name and account type.
getUsersQuery	The **getUsersQuery** operation takes one or more query parameters and returns the matching users.
linkAccounts	The **linkAccounts** operation is used to build an account hierarchy from existing accounts.
relateAccounts	The **relateAccounts** operation connects two accounts into channel partner relationships.
updateAccount	The **updateAccount** operation is used to update account details. **Note:** Not all accounts can be updated. The following restrictions apply: • MYORG: only the account name can be updated. No other updates are permitted. • PORTAL_ORG_UNIT: no updates are permitted. • UNKNOWN_ORG_Unit: no updates are permitted.
updateDomainUsers	The **updateDomainUsers** operation updates the domain users to the system.
updateUser	The **updateUser** operation is used to update user details.
updateUserRoles	The **updateUserRoles** operation is used to update user roles in an account.

Method: addDomainUsers

Parameters

Name	Type	Direction	Description
msgparameters	addDomainUserRequestType	Input	

Returns

A addDomainUserResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	
failedData	failedAddDomainUserDataListType	
responseData	addedDomainUserDataListType	

Method: createAccount

Description

The **createAccount** operation takes the details of one or more accounts and adds them to the system.

Parameters

Name	Type	Direction	Description
msgparameters	createAcctRequestType	Input	

Returns

A createAcctResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedCreateAcctDataListType</td><td>See failedCreateAcctDataListType.</td></tr>
<tr><td>responseData</td><td>createdAccountDataListType</td><td>See createdAccountDataListType.</td></tr>
</table>

Method: createUser

Description

The **createUser** operation is used to create one or more FlexNet domain users or contacts and link them to one or more accounts.

Parameters

Name	Type	Direction	Description
msgparameters	createUserRequestType	Input	

Returns

A createUserResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedCreateUserDataListType</td><td>See failedCreateUserDataListType.</td></tr>
<tr><td>responseData</td><td>createdUserDataListType</td><td>See createdUserDataListType.</td></tr>
</table>

Method: deleteAccount

Description

The **deleteAccount** operation is used to delete one or more accounts.

Note: the following accounts cannot be deleted:

- MYORG
- PORTAL_ORG_UNIT
- UNKNOWN_ORG_UNIT

Parameters

Name	Type	Direction	Description
msgparameters	deleteAccountRequestType	Input	

Returns

A deleteAccountResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Returns

Name	Type	Description
failedData	failedDeleteAcctDataListType	See failedDeleteAcctDataListType.

Method: deleteDomainUsers

Parameters

Name	Type	Direction	Description
msgparameters	deleteDomainUserRequestType	Input	

Returns

A deleteDomainUserResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	
failedData	failedDeleteDomainUserDataListType	

Method: deleteUser

Description

The **deleteUser** operation is used to delete users and contacts in an account, including FlexNet domain users and domain users from the FlexNet Operations database.

Parameters

Name	Type	Direction	Description
msgparameters	deleteUserRequestType	Input	

Returns

A deleteUserResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteUserDataListType</td><td>See failedDeleteUserDataListType.</td></tr>
</table>

Method: getAccountCount

Description

The **getAccountCount** operation takes one or more query parameters and returns the matching number of accounts.

Parameters

Name	Type	Direction	Description
msgparameters	getAccountCountRequestType	Input	

Returns

A getAccountCountResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountCountResponseDataType</td><td>See getAccountCountResponseDataType.</td></tr>
</table>

Method: getAccountsQuery

Description

The **getAccountsQuery** operation takes one or more query parameters and returns the matching accounts.

Parameters

Name	Type	Direction	Description
msgparameters	getAccountsQueryRequestType	Input	

Returns

A getAccountsQueryResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Method: getParentAccounts

Description

The **getParentAccounts** operation takes one account and returns its first-level parents.

Parameters

Name	Type	Direction	Description
msgparameters	getParentAccountsRequestType	Input	

Returns

A getParentAccountsResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Method: getRelatedAccounts

Description

The **getRelatedAccounts** takes the name of an account and returns the CHANNEL_PARTNER or CUSTOMER accounts to which the account is related.

The response will be SUCCESS but return no records if the account is

- A CHANNEL_PARTNER or CUSTOMER account without any relationships
- An account of a type other than CHANNEL_PARTNER or CUSTOMER

Parameters

Name	Type	Direction	Description
msgparameters	getRelatedAccountsRequestType	Input	

Returns

A getRelatedAccountsResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Method: getSubAccounts

Description

The **getSubAccounts** operation takes one account and returns its first-level child subaccounts.

Parameters

Name	Type	Direction	Description
msgparameters	getSubAccountsRequestType	Input	

Returns

A getSubAccountsResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Method: getUserAccountsExpiryQuery

Description

The **getUserAccountsExpiryQuery** operation lists all the expired users of the account.

Note 1: If the **Enable User Expiration** is not selected in the FlexNet Operations system configuration, the following error message will result:

User Account Expiration Configuration is Disabled.

Note 2: This query will only fetch users that have an associated account expiration date. Permanent account users will not be listed.

Parameters

Name	Type	Direction	Description
msgparameters	getUserAccountsExpiryQueryRequestType	Input	

Returns

A getUserAccountsExpiryQueryResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Returns

Name	Type	Description
responseData	getUserAccountsExpiryQueryResponseDataType	See getUserAccountsExpiryQueryResponseDataType.

Method: getUserCount

Description

The **getUserCount** operation takes one or more query parameters and returns the matching number of users.

Parameters

Name	Type	Direction	Description
msgparameters	getUserCountRequestType	Input	

Returns

A getUserCountResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
responseData	getUserCountResponseDataType	See getUserCountResponseDataType.

Method: getUserPermissions

Description

The **getUserPermissions** operation returns a list of permissions based on the roles a given user has within their accounts. This takes in a username and domain name as inputs and returns out a list of permissions, the user's name and account type.

Parameters

Name	Type	Direction	Description
msgparameters	getUserPermissionsRequestType	Input	

Returns

A getUserPermissionsResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Status Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUserPermissionsResponseDataType</td><td>See getUserPermissionsResponseDataType.</td></tr>
</table>

Method: getUsersQuery

Description

The **getUsersQuery** operation takes one or more query parameters and returns the matching users.

Parameters

Name	Type	Direction	Description
msgparameters	getUsersQueryRequestType	Input	

Returns

A getUsersQueryResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUsersQueryResponseDataType</td><td>See getUsersQueryResponseDataType.</td></tr>
</table>

Method: linkAccounts

Description

The **linkAccounts** operation is used to build an account hierarchy from existing accounts.

Parameters

Name	Type	Direction	Description
msgparameters	linkAccountsRequestType	Input	

Returns

A linkAccountsResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Descriptionik</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedLinkAcctDataListType	See failedLinkAcctDataListType.

Method: relateAccounts

Description

The **relateAccounts** operation connects two accounts into channel partner relationships.

Parameters

Name	Type	Direction	Description
msgparameters	relateAccountsRequestType	Input	

Returns

A relateAccountsResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRelateAccountsDataListType</td><td>See failedRelateAccountsDataListType.</td></tr>
</table>

Method: updateAccount

Description

The **updateAccount** operation is used to update account details.

Note: Not all accounts can be updated. The following restrictions apply:

- MYORG: only the account name can be updated. No other updates are permitted.
- PORTAL_ORG_UNIT: no updates are permitted.
- UNKNOWN_ORG_Unit: no updates are permitted.

Parameters

Name	Type	Direction	Description
msgparameters	updateAccountRequestType	Input	

Returns

A updateAccountResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>

Returns

Name	Type	Description
failedData	failedUpdateAcctDataListType	See failedUpdateAcctDataListType.

Method: updateDomainUsers

Description

The **updateDomainUsers** operation updates the domain users to the system.

Parameters

Name	Type	Direction	Description
msgparameters	updateDomainUserRequestType	Input	

Returns

A updateDomainUserResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateDomainUserDataListType</td><td>See failedUpdateDomainUserDataListType</td></tr>
<tr><td>responseData</td><td>updatedDomainUserDataListType</td><td>See updatedDomainUserDataListType</td></tr>
</table>

Method: updateUser

Description

The **updateUser** operation is used to update user details.

Parameters

Name	Type	Direction	Description
msgparameters	updateUserRequestType	Input	

Returns

A updateUserResponse element having the structure defined by the following table.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateUserDataListType</td><td>See failedUpdateUserDataListType.</td></tr>
</table>

Method: updateUserRoles

Description

The **updateUserRoles** operation is used to update user roles in an account.

Parameters

Name	Type	Direction	Description
msgparameters	updateUserRolesRequestType	Input	

Returns

A updateUserRolesResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	StatusInfoType	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedUpdateUserRolesDataListType	See failedUpdateUserRolesDataListType.

Complex Types: UserAcctHierarchyService

Complex Types

Name
accountDataType
accountDetailDataType
accountExpiryType
accountIdentifierTypeUser
accountIdList
accountIds
accountPKTypeUser
accountQueryParametersType
accountTypeList
accountUserExpiryQueryParametersType
acctCustomAttributeQueryType
acctCustomAttributesQueryListType
AcctTypeList
addDomainUserDataType
addDomainUserRequestType
addDomainUserResponseType
addedDomainUserDataListType
addressDataType
attributeDescriptorDataType
attributeDescriptorType
attributeMetaDescriptorDataType
attributeMetaDescriptorType
correlationDataType
createAcctRequestType
createAcctResponseType
createdAccountDataListType
createdUserDataListType
createUserAccountRolesListType
createUserAccountsListType
createUserAccountType
createUserDataType
createUserRequestType
createUserResponseType
customAttributeDescriptorDataType

Complex Types

Name
customAttributeDescriptorType
customAttributeQueryType
customAttributesQueryListType
DateQueryType
DateTimeQueryType
deleteAccountRequestType
deleteAccountResponseType
deleteAcctDataType
deleteDomainUserRequestType
deleteDomainUserResponseType
deleteUserRequestType
deleteUserResponseType
domainUserIdentifierType
domainUserPKType
DurationType
emailContactListType
entitledProductDataListType
entitledProductDataType
entitlementIdentifierType
entitlementLineItemIdentifierType
entitlementLineItemPKType
entitlementPKType
failedAddDomainUserDataListType
failedAddDomainUserDataType
failedCreateAcctDataListType
failedCreateAcctDataType
failedCreateUserDataListType
failedCreateUserDataType
failedDeleteAcctDataListType
failedDeleteAcctDataType
failedDeleteDomainUserDataListType
failedDeleteDomainUserDataType
failedDeleteUserDataListType
failedDeleteUserDataType
failedLinkAcctDataListType

Complex Types

Name
failedLinkAcctDataType
failedRelateAccountsDataListType
failedRelateAccountsDataType
failedUpdateAcctDataListType
failedUpdateAcctDataType
failedUpdateDomainUserDataListType
failedUpdateDomainUserDataType
failedUpdateUserDataListType
failedUpdateUserDataType
failedUpdateUserRolesDataListType
failedUpdateUserRolesDataType
featureBundleIdentifierType
featureBundlePKType
featureIdentifierType
featurePKType
forceDeleteUserIdentifierType
fulfillmentIdentifierType
fulfillmentPKType
getAccountCountRequestType
getAccountCountResponseDataType
getAccountCountResponseType
getAccountsQueryRequestType
getAccountsQueryResponseDataType
getAccountsQueryResponseType
getCountResponseDataType
getParentAccountsRequestType
getParentAccountsResponseType
getRelatedAccountsRequestType
getRelatedAccountsResponseType
getSubAccountsRequestType
getSubAccountsResponseType
getUserAccountsExpiryQueryRequestType
getUserAccountsExpiryQueryResponseDataType
getUserAccountsExpiryQueryResponseType
getUserCountRequestType

Complex Types

Name
getUserCountResponseDataType
getUserCountResponseType
getUserPermissionsRequestType
getUserPermissionsResponseDataType
getUserPermissionsResponseType
getUsersQueryRequestType
getUsersQueryResponseDataType
getUsersQueryResponseType
hostTypePKType
licenseGeneratorIdentifierType
licenseGeneratorPKType
licenseModelIdentifierType
licenseModelPKType
licenseTechnologyIdentifierType
licenseTechnologyPKType
linkAccountsDataType
linkAccountsRequestType
linkAccountsResponseType
maintenanceIdentifierType
maintenancePKType
NumberQueryType
partNumberIdentifierType
partNumberIdentifierWithModelType
partNumberPKType
permissionListType
productIdentifierType
productIdentifierWithCountDataType
productPKType
relateAccountsDataType
relateAccountsRequestType
relateAccountsResponseType
roleIdentifierType
rolePKType
SimpleQueryType
StateQueryType

Complex Types

Name
StatusInfoType
suiteIdentifierType
suitePKType
trustedKeyIdentifierType
trustedKeyPKType
updateAccountRequestType
updateAccountResponseType
updateAcctDataType
updatedDomainUserDataListType
updateDomainUserDataType
updateDomainUserRequestType
updateDomainUserResponseType
updateEntitledProductDataListType
updateRelatedAccountsListType
updateSubAccountsListType
updateUserAccountRolesDataType
updateUserAccountsListType
updateUserAccountType
updateUserDataType
updateUserRequestType
updateUserResponseType
updateUserRolesAccountListType
updateUserRolesDataType
updateUserRolesListType
updateUserRolesRequestType
updateUserRolesResponseType
userAccountExpiryType
userAccountRolesListType
userAccountsListType
userAccountType
userCustomAttributeQueryType
userCustomAttributesQueryListType
userDetailDataType
userIdentifierType
userPKType

Complex Types

Name
userQueryParametersType
userSortBy
userSortBys
valueType
versionDateAttributesType
VersionFormatQueryType

Complex Type: accountDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	1..1	Required. Displayed as **Account Identifier** (short account name) in the web interface.
name	string	1..1	Required. Displayed as **Account Name** (full account name) in the web interface.
description	string	0..1	Optional. Description of the account.
address	addressDataType	0..1	Optional. Account physical address. See addressDataType.
visible	boolean	0..1	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
accountType	AcctType	0..1	Optional. Defines the account type. Valid values: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this account. See attributeDescriptorDataType.

Referenced By

Name	Type
account [type createAcctRequestType]	Element
account [type failedCreateAcctDataType]	Element

Complex Type: accountDetailDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
name	string	1..1	The account name.
description	string	0..1	Account description.
address	addressDataType	0..1	Account physical address. See addressDataType.
visible	boolean	0..1	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
accountType	AcctType	0..1	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER. Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
customAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
dateLastModified	dateTime	0..1	Timestamp representing the last time the account was modified.
createdDate	dateTime	0..1	Timestamp representing the date the account was created.
createdBy	string	0..1	Name of the user who created the account.
lastModifiedBy	string	0..1	Name of the user who last modified the account.

Referenced By

Name	Type
acctData [type getAccountsQueryResponseDataType]	Element

Complex Type: accountExpiryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountID	string	1..1	Required. The ID of the account. If not provided, the following error message displays: User details cannot be fetched without account Id.
expiryDate	date	1..1	The date the user's access to an account expires.

Referenced By

Name	Type
accountExpiryData [type userAccountExpiryType]	Element

Complex Type: accountIdentifierTypeUser

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
account [type accountDetailDataType]	Element
account [type createdAccountDataListType]	Element
account [type createUserAccountType]	Element
account [type deleteAcctDataType]	Element
account [type getParentAccountsRequestType]	Element
account [type getRelatedAccountsRequestType]	Element
account [type getSubAccountsRequestType]	Element
account [type updateAcctDataType]	Element
account [type updateUserAccountRolesDataType]	Element
account [type updateUserAccountType]	Element
account [type userAccountType]	Element
accountToRelate [type relateAccountsDataType]	Element
parentAcct [type linkAccountsDataType]	Element
relatedAccount [type relateAccountsDataType]	Element
relatedAccount [type updateRelatedAccountsListType]	Element
subAccount [type updateSubAccountsListType]	Element
subAcct [type linkAccountsDataType]	Element

Complex Type: accountIdList

Description

Use to retrieve user information for multiple accounts using a single API call. To retrieve information for multiple accounts, specify the relevant account IDs using the getUsersQuery API request.

By default, you can retrieve user information for a maximum of 10 account IDs. You can change this limit using the configuration option **Number of accounts and associated user information to retrieve via SOAP API** in the Producer Portal (under **System > Configuration > FlexNet Platform Server > General Options**).

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountIds	accountIds	1..1	Provide the account IDs for which you want to retrieve user information. The configuration option **Number of accounts and associated user information to retrieve via SOAP API** limits the number of accounts that can be specified. Default = 10.
searchType	simpleSearchType	1..1	Search criteria for one account ID would be: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS Search criteria would be EQUALS if more than one account ID is provided to retrieve user information.

Referenced By

Name	Type
accountIdList [type userQueryParametersType]	Element

Complex Type: accountIds

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountID	string	0..10	Provide up to 10 account IDs to retrieve user information from multiple accounts.

Referenced By

Name	Type
accountIds [type accountIdList]	Element

Complex Type: accountPKTypeUser

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	1..1	

Referenced By

Name	Type
primaryKeys [type accountIdentifierTypeUser]	Element

Complex Type: accountQueryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountID	SimpleQueryType	0..1	Account ID.
accountName	SimpleQueryType	0..1	Account name.
description	SimpleQueryType	0..1	Account description.
address1	SimpleQueryType	0..1	First line of address.
address2	SimpleQueryType	0..1	Second line of address.
city	SimpleQueryType	0..1	City.
state	SimpleQueryType	0..1	State.
zipcode	SimpleQueryType	0..1	Postal code.
country	SimpleQueryType	0..1	Two letter country code.
region	SimpleQueryType	0..1	Region.
onlyRootAccounts	boolean	0..1	If true, returns only root accounts.
accountType	AcctType	0..1	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
accountTypeList	AcctTypeList	0..1	See accountTypeList.
customAttributes	acctCustomAttributesQueryListType	0..1	See acctCustomAttributesQueryListType.
lastModifiedDateTime	DateTimeQueryType	0..1	See DateTimeQueryType.

Referenced By

Name	Type
queryParams [type getAccountCountRequestType]	Element
queryParams [type getAccountsQueryRequestType]	Element

Complex Type: accountTypeList

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountType	accountType	1..*	

Complex Type: accountUserExpiryQueryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountID	string	1..1	Required. The ID of the account. If not provided, the following error message displays: User details cannot be fetched without account Id.
accountType	AcctType	0..1	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.
expiryDate	DateQueryType	0..1	See DateQueryType.

Referenced By

Name	Type
queryParams [type getUserAccountsExpiryQueryRequestType]	Element

Complex Type: acctCustomAttributeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the custom attribute.
stringValue	SimpleQueryType	0..1	A string to match part or all of the custom attribute value.

Referenced By

Name	Type
attribute [type acctCustomAttributesQueryListType]	Element

Complex Type: acctCustomAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	acctCustomAttributeQueryType	0..*	See acctCustomAttributeQueryType.

Referenced By

Name	Type
customAttributes [type accountQueryParametersType]	Element

Complex Type: AcctTypeList

Description

A list of multiple **acctType** elements. Use **acctTypeList** when you want to query accounts of multiple types. Add an **acctType** element to the **acctTypeList** for each account type you want to include in the query. If no **acctType** or **acctTypeList** is specified, the query searches only CUSTOMER accounts (the default).

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctType	AcctType	1..*	Optional. Defines the account type. **acctType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.

Referenced By

Name	Type
accountTypeList [type accountQueryParametersType]	Element

Complex Type: addDomainUserDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userId	string	1..1	
domain	string	1..1	
roles	string	1..*	
optIn	boolean	0..1	
locale	string	0..1	
timeZone	string	0..1	
status	UserStatusType	0..1	
customAttributes	attributeDescriptorDataType	0..1	

Referenced By

Name	Type
user [type addDomainUserRequestType]	Element
user [type failedAddDomainUserDataType]	Element

Complex Type: addDomainUserRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	addDomainUserDataType	1..*	

Referenced By

Name	Type
addDomainUserRequest	Element
addDomainUsers	Method

Complex Type: addDomainUserResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	
failedData	failedAddDomainUserDataListType	0..1	
responseData	addedDomainUserDataListType	0..1	

Referenced By

Name	Type
addDomainUserResponse	Element

Complex Type: addedDomainUserDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	domainUserIdentifierType	0..*	

Referenced By

Name	Type
responseData [type addDomainUserResponseType]	Element

Complex Type: addressDataType

Description

Note: All of these elements are optional.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
address1	string	0..1	First line of address.
address2	string	0..1	Second line of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Country, in two-letter ISO-3166 code. If not provided, defaults to US.
region	string	0..1	Address region.

Referenced By

Name	Type
address [type accountDataType]	Element
address [type accountDetailDataType]	Element
address [type updateAcctDataType]	Element

Complex Type: attributeDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one attributeDescriptorType.

Referenced By

Name	Type
customAttributes [type accountDataType]	Element
customAttributes [type accountDetailDataType]	Element
customAttributes [type addDomainUserDataType]	Element
customAttributes [type createUserDataType]	Element
customAttributes [type updateAcctDataType]	Element
customAttributes [type updateDomainUserDataType]	Element
customAttributes [type updateUserDataType]	Element
customAttributes [type userDetailDataType]	Element

Complex Type: attributeDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the attribute.
CHOICE		1..1	
arrayValue	string	0..*	Array of string values of the attribute.
booleanValue	boolean	0..1	Boolean value of the attribute.
dateValue	date	0..1	Date value of the attribute.
integerValue	integer	0..1	Integer value of the attribute.
stringValue	string	0..1	String value of the attribute.

Referenced By

Name	Type
attribute [type attributeDescriptorDataType]	Element

Complex Type: attributeMetaDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeMetaDescriptorType	0..*	

Complex Type: attributeMetaDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	
attributeDataType	AttributeDataType	1..1	
namespace	string	1..1	
validValues	valueType	0..1	

Referenced By

Name	Type
attribute [type attributeMetaDescriptorDataType]	Element

Complex Type: correlationDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
recordRefNo	string	1..1	
uniqueId	string	1..1	

Complex Type: createAcctRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountDataType	1..*	See accountDataType.
opType	CreateOrUpdateOperationType	0..1	Specifies how FlexNet Operations behaves when creating accounts. For details, see CreateOrUpdateOperationType. If no **opType** is set, FlexNet Operations creates the specified account unless the account already exists. When the account already exists, the operation fails.

Referenced By

Name	Type
createAcctRequest	Element
createAccount	Method

Complex Type: createAcctResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedCreateAcctDataListType	0..1	See failedCreateAcctDataListType.
responseData	createdAccountDataListType	0..1	See createdAccountDataListType.

Referenced By

Name	Type
createAcctResponse	Element

Complex Type: createdAccountDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	0..*	See accountIdentifierType.

Referenced By

Name	Type
responseData [type createAcctResponseType]	Element

Complex Type: createdUserDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	0..*	See userIdentifierType.

Referenced By

Name	Type
responseData [type createUserResponseType]	Element

Complex Type: createUserAccountRolesListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
role	roleIdentifierType	1..*	See roleIdentifierType.

Referenced By

Name	Type
roles [type createUserAccountType]	Element

Complex Type: createUserAccountsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctRoles	createUserAccountType	1..*	See createUserAccountType.

Referenced By

Name	Type
acctRolesList [type createUserDataType]	Element

Complex Type: createUserAccountType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
expiryDate	date	0..1	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. If not included, the user's access to the account will not expire. **Note:** If the **Enable User Expiration** is not selected in the FlexNet Operations system configuration, the following error message will result: User Account Expiration Configuration is Disabled.
roles	createUserAccountRolesListType	0..1	See createUserAccountRolesListType.

Referenced By

Name	Type
acctRoles [type createUserAccountsListType]	Element

Complex Type: createUserDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
firstName	string	1..1	User first name. Required.
lastName	string	1..1	User last name. Required.
displayName	string	0..1	User's display name.
emailAddress	string	1..1	User's email address. Required.
optIn	boolean	0..1	Required. Does the user wish to receive email?
phoneNumber	string	0..1	User's phone number.
faxNumber	string	0..1	User's fax number.
street	string	0..1	Street portion of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Two-letter country code.
locale	string	0..1	User's locale.
canLogin	boolean	1..1	Can the user log in? If not, user information is kept only for contact purposes.
userName	string	0..1	User's FlexNet Operations login name. • If **canLogin** is set to false, this field is ignored. • if **canLogin** is set to true, this field is required. ***Important:*** *The user name must match the email address for the user. If the user name is set to something other than the user's email address, certain features such as accessing ESD components, may not be available.*
status	UserStatusType	0..1	Status can be one of the following values: • Active • Inactive

Content Model

Component	Type	Occurs	Description
timezone	UserTimeZoneType	0..1	Optional. Provide time zone setting in one of the following formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string and the time zone string is displayed when a user is retrieved.
shared	boolean	0..1	Is this a shared login among several users?
acctRolesList	createUserAccountsListType	1..1	Required. Set user's account and list of the user's roles. User name and roles are required if the user can log in. See createUserAccountsListType.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this user. See attributeDescriptorDataType.

Referenced By

Name	Type
user [type createUserRequestType]	Element
user [type failedCreateUserDataType]	Element

Complex Type: createUserRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	createUserDataType	1..*	Required. See createUserDataType.
opType	CreateOrUpdateOperationType	0..1	Specifies how FlexNet Operations behaves when creating users. For details, see CreateOrUpdateOperationType. • If no **opType** is set, FlexNet Operations creates the specified user unless the user or contact already exists. When the user or contact already exists, the operation fails. • If the user does not exist and the **opType** is set to either **CREATE_OR_UPDATE** or **CREATE_OR_IGNORE**, the operation will succeed unless the existing contact already belongs to another user. If the contact exists but does not belong to another user, it will create the user and update the contact with the new user. • If both the user and contact exist and the **opType** is set to **CREATE_OR_UPDATE**, the request will update the contact. • If both the user and contact exist and the **opType** is set to **CREATE_OR_IGNORE**, the request will not update the contact.

Referenced By

Name	Type
createUserRequest	Element
createUser	Method

Complex Type: createUserResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedCreateUserDataListType</td><td>0..1</td><td>See failedCreateUserDataListType.</td></tr>
<tr><td>responseData</td><td>createdUserDataListType</td><td>0..1</td><td>See createdUserDataListType.</td></tr>
</table>

Referenced By

Name	Type
createUserResponse	Element

Complex Type: customAttributeDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	customAttributeDescriptorType	0..*	

Complex Type: customAttributeDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	

Referenced By

Name	Type
attribute [type customAttributeDescriptorDataType]	Element

Complex Type: customAttributeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	The name of the custom attribute.
CHOICE		1..1	
booleanValue	boolean	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**. Set to true or false if the custom attribute is of type boolean.

dateValue	DateQueryType	0..1	Optional. A **dateValue** element contains:
			• **value**—a date value to compare to the version date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description

numberValue	NumberQueryType	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**.
			A **numberValue** element contains:
			• **value**—an integer number to match part or all of the custom attribute value.
			• **searchType**—one of the following simpleSearchType values:
			  • GREATER_THAN
			  • GREATER_THAN_EQUALS
			  • LESS_THAN
			  • LESS_THAN_EQUALS
			  • EQUALS
			  • NOT_EQUALS

stringValue	SimpleQueryType	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**.
			A **stringValue** element contains:
			• **value**—a string to match part or all of the custom attribute value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Referenced By

Name	Type
attribute [type customAttributesQueryListType]	Element

Complex Type: customAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	customAttributeQueryType	0..*	See customAttributeQueryType.

Complex Type: DateQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	date	1..1	A date value to compare.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Referenced By

Name	Type
dateValue [type customAttributeQueryType]	Element
expiryDate [type accountUserExpiryQueryParametersType]	Element

Complex Type: DateTimeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	dateTime	1..1	A date and time value to compare to the last modified date and time value. For example, 2011-05-04T22:00:00.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Referenced By

Name	Type
lastModifiedDateTime [type accountQueryParametersType]	Element
lastModifiedDateTime [type userQueryParametersType]	Element

Complex Type: deleteAccountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	deleteAcctDataType	1..*	Account to be deleted. See deleteAcctDataType.

Referenced By

Name	Type
deleteAccountRequest	Element
deleteAccount	Method

Complex Type: deleteAccountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteAcctDataListType</td><td>0..1</td><td>See failedDeleteAcctDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteAccountResponse	Element

Complex Type: deleteAcctDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	Account identifier of parent account. See accountIdentifierType.
deleteSubTree	boolean	0..1	If true, deletes the entire account subtree as well. (Default value is true.)

Referenced By

Name	Type
acctData [type deleteAccountRequestType]	Element
acctData [type failedDeleteAcctDataType]	Element

Complex Type: deleteDomainUserRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	domainUserIdentifierType	1..*	

Referenced By

Name	Type
deleteDomainUserRequest	Element
deleteDomainUsers	Method

Complex Type: deleteDomainUserResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	
failedData	failedDeleteDomainUserDataListType	0..1	

Referenced By

Name	Type
deleteDomainUserResponse	Element

Complex Type: deleteUserRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	forceDeleteUserIdentifierType	1..*	User to be deleted. See userIdentifierType.

Referenced By

Name	Type
deleteUserRequest	Element
deleteUser	Method

Complex Type: deleteUserResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteUserDataListType</td><td>0..1</td><td>See failedDeleteUserDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteUserResponse	Element

Complex Type: domainUserIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
primaryKeys	domainUserPKType	0..1	

Referenced By

Name	Type
domainUser [type updateDomainUserDataType]	Element
user [type addedDomainUserDataListType]	Element
user [type deleteDomainUserRequestType]	Element
user [type failedDeleteDomainUserDataType]	Element
user [type updatedDomainUserDataListType]	Element

Complex Type: domainUserPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userName	string	1..1	
domainName	string	1..1	

Referenced By

Name	Type
primaryKeys [type domainUserIdentifierType]	Element

Complex Type: DurationType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Referenced By

Name	Type
duration [type versionDateAttributesType]	Element

Complex Type: emailContactListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
emailId	string	0..*	List of email addresses to which to send license certificate.

Complex Type: entitledProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitledProduct	entitledProductDataType	0..*	See entitledProductDataType.

Complex Type: entitledProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productIdentifierType	0..1	See productIdentifierType.
quantity	integer	1..1	Quantity per copy of the line item. This is a multiplier to the number of copies. If one copy of the line item is fulfilled, this many copies of the entitled product will be fulfilled.

Referenced By

Name	Type
entitledProduct [type entitledProductDataListType]	Element
entitledProducts [type updateEntitledProductDataListType]	Element

Complex Type: entitlementIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the product, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the entitlement.
primaryKeys	entitlementPKType	0..1	Database primary key of the entitlement—string containing the **entitlementId** of the entitlement. See entitlementPKType.

Complex Type: entitlementLineItemIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the entitlement line item.
primaryKeys	entitlementLineItemPKType	0..1	Database primary key of the entitlement line item—string containing the **activationId** of the entitlement line item. See entitlementLineItemPKType.

Complex Type: entitlementLineItemPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	The activationId of the entitlement line item.

Referenced By

Name	Type
primaryKeys [type entitlementLineItemIdentifierType]	Element

Complex Type: entitlementPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	string	1..1	The entitlement ID of the entitlement.

Referenced By

Name	Type
primaryKeys [type entitlementIdentifierType]	Element

Complex Type: failedAddDomainUserDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedAddDomainUserDataType	0..*	

Referenced By

Name	Type
failedData [type addDomainUserResponseType]	Element

Complex Type: failedAddDomainUserDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	addDomainUserDataType	0..1	
reason	string	0..1	

Referenced By

Name	Type
failedUser [type failedAddDomainUserDataListType]	Element

Complex Type: failedCreateAcctDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedAcct	failedCreateAcctDataType	0..*	See failedCreateAcctDataType.

Referenced By

Name	Type
failedData [type createAcctResponseType]	Element

Complex Type: failedCreateAcctDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountDataType	0..1	See accountDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedAcct [type failedCreateAcctDataListType]	Element

Complex Type: failedCreateUserDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedCreateUserDataType	0..*	See failedCreateUserDataType.

Referenced By

Name	Type
failedData [type createUserResponseType]	Element

Complex Type: failedCreateUserDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	createUserDataType	0..1	See createUserDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedUser [type failedCreateUserDataListType]	Element

Complex Type: failedDeleteAcctDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedAcct	failedDeleteAcctDataType	0..*	See failedDeleteAcctDataType.

Referenced By

Name	Type
failedData [type deleteAccountResponseType]	Element

Complex Type: failedDeleteAcctDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	deleteAcctDataType	0..1	See deleteAcctDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedAcct [type failedDeleteAcctDataListType]	Element

Complex Type: failedDeleteDomainUserDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedDeleteDomainUserDataType	0..*	

Referenced By

Name	Type
failedData [type deleteDomainUserResponseType]	Element

Complex Type: failedDeleteDomainUserDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	domainUserIdentifierType	0..1	
reason	string	0..1	

Referenced By

Name	Type
failedUser [type failedDeleteDomainUserDataListType]	Element

Complex Type: failedDeleteUserDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedDeleteUserDataType	0..*	See failedDeleteUserDataType.

Referenced By

Name	Type
failedData [type deleteUserResponseType]	Element

Complex Type: failedDeleteUserDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	forceDeleteUserIdentifierType	0..1	See userIdentifierType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedUser [type failedDeleteUserDataListType]	Element

Complex Type: failedLinkAcctDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedAcctData	failedLinkAcctDataType	0..*	See failedLinkAcctDataType,

Referenced By

Name	Type
failedData [type linkAccountsResponseType]	Element

Complex Type: failedLinkAcctDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	linkAccountsDataType	0..1	See linkAccountsDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedAcctData [type failedLinkAcctDataListType]	Element

Complex Type: failedRelateAccountsDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedAcctData	failedRelateAccountsDataType	0..*	See failedRelateAccountsDataType.

Referenced By

Name	Type
failedData [type relateAccountsResponseType]	Element

Complex Type: failedRelateAccountsDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	relateAccountsDataType	0..1	See relateAccountsDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedAcctData [type failedRelateAccountsDataListType]	Element

Complex Type: failedUpdateAcctDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedAccount	failedUpdateAcctDataType	0..*	See failedUpdateAcctDataType.

Referenced By

Name	Type
failedData [type updateAccountResponseType]	Element

Complex Type: failedUpdateAcctDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	updateAcctDataType	0..1	See updateAcctDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedAccount [type failedUpdateAcctDataListType]	Element

Complex Type: failedUpdateDomainUserDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedUpdateDomainUserDataType	0..*	

Referenced By

Name	Type
failedData [type updateDomainUserResponseType]	Element

Complex Type: failedUpdateDomainUserDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	updateDomainUserDataType	0..1	
reason	string	0..1	

Referenced By

Name	Type
failedUser [type failedUpdateDomainUserDataListType]	Element

Complex Type: failedUpdateUserDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedUpdateUserDataType	0..*	See failedUpdateUserDataType.

Referenced By

Name	Type
failedData [type updateUserResponseType]	Element

Complex Type: failedUpdateUserDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	updateUserDataType	0..1	See updateUserDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedUser [type failedUpdateUserDataListType]	Element

Complex Type: failedUpdateUserRolesDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedUpdateUserRolesDataType	0..*	See failedUpdateUserRolesDataType.

Referenced By

Name	Type
failedData [type updateUserRolesResponseType]	Element

Complex Type: failedUpdateUserRolesDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	updateUserRolesDataType	0..1	See updateUserRolesDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedUser [type failedUpdateUserRolesDataListType]	Element

Complex Type: featureBundleIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the feature bundle.
primaryKeys	featureBundlePKType	0..1	Database primary key of the feature bundle—a string containing the name of the feature bundle. See featureBundlePKType.

Complex Type: featureBundlePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The name of the feature bundle.

Referenced By

Name	Type
primaryKeys [type featureBundleIdentifierType]	Element

Complex Type: featureIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the feature, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the feature.
primaryKeys	featurePKType	0..1	Database primary keys of the feature—strings containing name and, if the feature version format is FIXED, the version of the feature. If the feature version format is DATE_BASED, specify only name. See featurePKType.

Complex Type: featurePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the feature.
version	string	0..1	The **version** of the feature.

Referenced By

Name	Type
primaryKeys [type featureIdentifierType]	Element

Complex Type: forceDeleteUserIdentifierType

Derived By

Extending userIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	User's unique ID.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.
forceDelete	boolean	0..1	

Referenced By

Name	Type
user [type deleteUserRequestType]	Element
user [type failedDeleteUserDataType]	Element

Complex Type: fulfillmentIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the fulfillment.
primaryKeys	fulfillmentPKType	0..1	Database primary key of the fulfillment—a string containing the **fulfillmentID**. See fulfillmentPKType.

Complex Type: fulfillmentPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentId	string	1..1	The fulfillmnet ID.

Referenced By

Name	Type
primaryKeys [type fulfillmentIdentifierType]	Element

Complex Type: getAccountCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	accountQueryParametersType	0..1	Required. See accountQueryParametersType. Leave this element blank to return all CUSTOMER accounts.

Referenced By

Name	Type
getAccountCountRequest	Element
getAccountCount	Method

Complex Type: getAccountCountResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	1..1	Number of matching accounts.

Referenced By

Name	Type
responseData [type getAccountCountResponseType]	Element

Complex Type: getAccountCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountCountResponseDataType</td><td>0..1</td><td>See getAccountCountResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getAccountCountResponse	Element

Complex Type: getAccountsQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	accountQueryParametersType	0..1	Required. See accountQueryParametersType. Leave this element blank to return all CUSTOMER accounts.
pageNumber	integer	1..1	Required. Starts at 1. Say the getAccountsQuery operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getAccountsQueryRequest	Element
getAccountsQuery	Method

Complex Type: getAccountsQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	accountDetailDataType	0..*	See accountDetailDataType.

Referenced By

Name	Type
responseData [type getAccountsQueryResponseType]	Element
responseData [type getParentAccountsResponseType]	Element
responseData [type getRelatedAccountsResponseType]	Element
responseData [type getSubAccountsResponseType]	Element

Complex Type: getAccountsQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>0..1</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getAccountsQueryResponse	Element

Complex Type: getCountResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	1..1	A count element.

Complex Type: getParentAccountsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.

Referenced By

Name	Type
getParentAccountsRequest	Element
getParentAccounts	Method

Complex Type: getParentAccountsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>0..1</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getParentAccountsResponse	Element

Complex Type: getRelatedAccountsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.

Referenced By

Name	Type
getRelatedAccountsRequest	Element
getRelatedAccounts	Method

Complex Type: getRelatedAccountsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>0..1</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getRelatedAccountsResponse	Element

Complex Type: getSubAccountsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.

Referenced By

Name	Type
getSubAccountsRequest	Element
getSubAccounts	Method

Complex Type: getSubAccountsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>0..1</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getSubAccountsResponse	Element

Complex Type: getUserAccountsExpiryQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	accountUserExpiryQueryParametersType	1..1	See accountUserExpiryQueryParametersType.
pageNumber	integer	1..1	Required. Starts at 1. Say the **getUserAccountsExpiryQuery** operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set pageNumber to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getUserAccountsExpiryQueryRequest	Element
getUserAccountsExpiryQuery	Method

Complex Type: getUserAccountsExpiryQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userAccountExpiryData	userAccountExpiryType	0..*	See userAccountExpiryType.

Referenced By

Name	Type
responseData [type getUserAccountsExpiryQueryResponseType]	Element

Complex Type: getUserAccountsExpiryQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
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<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUserAccountsExpiryQueryResponseDataType</td><td>0..1</td><td>See getUserAccountsExpiryQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUserAccountsExpiryQueryResponse	Element

Complex Type: getUserCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	userQueryParametersType	0..1	Required. See userQueryParametersType. Leave this element blank to return all users.

Referenced By

Name	Type
getUserCountRequest	Element
getUserCount	Method

Complex Type: getUserCountResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	1..1	Number of matching users.

Referenced By

Name	Type
responseData [type getUserCountResponseType]	Element

Complex Type: getUserCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUserCountResponseDataType</td><td>0..1</td><td>See getUserCountResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUserCountResponse	Element

Complex Type: getUserPermissionsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userName	string	1..1	The username for which permissions will be retrieved.
domainName	string	0..1	The previous username's domain.

Referenced By

Name	Type
getUserPermissionsRequest	Element
getUserPermissions	Method

Complex Type: getUserPermissionsResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userName	string	1..1	The username from the input.
accountType	string	1..1	The account type of the first account the user belongs to.
permissions	permissionListType	1..1	The list of permissions that the user has been granted. This will be shown as a string roughly in the format "platform:view.and.manage.users". See permissionListType.

Referenced By

Name	Type
responseData [type getUserPermissionsResponseType]	Element

Complex Type: getUserPermissionsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Status Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUserPermissionsResponseDataType</td><td>0..1</td><td>See getUserPermissionsResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUserPermissionsResponse	Element

Complex Type: getUsersQueryRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	userQueryParametersType	0..1	Required. See userQueryParametersType. Leave this element blank to return all users.
pageNumber	integer	1..1	Required. Starts at 1. Say the getUsersQuery operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getUsersQueryRequest	Element
getUsersQuery	Method

Complex Type: getUsersQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userDetailDataType	0..*	See userDetailDataType.

Referenced By

Name	Type
responseData [type getUsersQueryResponseType]	Element

Complex Type: getUsersQueryResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
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FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUsersQueryResponseDataType</td><td>0..1</td><td>See getUsersQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUsersQueryResponse	Element

Complex Type: hostTypePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the host type.

Complex Type: licenseGeneratorIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license generator configuration.
primaryKeys	licenseGeneratorPKType	0..1	Database primary key of the license generator configuration—string containing the **name** of the license generator configuration. See licenseGeneratorPKType.

Complex Type: licenseGeneratorPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license generator configuration.

Referenced By

Name	Type
primaryKeys [type licenseGeneratorIdentifierType]	Element

Complex Type: licenseModelIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license model.
primaryKeys	licenseModelPKType	0..1	Database primary key of the license model—a string containing the **name** of the license model. See licenseModelPKType.

Referenced By

Name	Type
licenseModel [type partNumberIdentifierWithModelType]	Element

Complex Type: licenseModelPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license model.

Referenced By

Name	Type
primaryKeys [type licenseModelIdentifierType]	Element

Complex Type: licenseTechnologyIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license technology.
primaryKeys	licenseTechnologyPKType	0..1	Database primary key of the license technology—string containing the **name** of the license technology. See licenseTechnologyPKType.

Complex Type: licenseTechnologyPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license technology.

Referenced By

Name	Type
primaryKeys [type licenseTechnologyIdentifierType]	Element

Complex Type: linkAccountsDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
parentAcct	accountIdentifierTypeUser	1..1	Identifier of the parent account. See accountIdentifierType.
subAcct	accountIdentifierTypeUser	1..1	Identifiery of the subaccount. See accountIdentifierType.

Referenced By

Name	Type
acctData [type failedLinkAcctDataType]	Element
acctData [type linkAccountsRequestType]	Element

Complex Type: linkAccountsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	linkAccountsDataType	1..*	Required. A link between exactly one root account and exactly one subaccount is expressed as an **acctData** element. A hierarchy with multiple root accounts or multiple sub accounts is constructed link by link with multiple **acctData** elements in a request. See linkAccountsDataType.

Referenced By

Name	Type
linkAccountsRequest	Element
linkAccounts	Method

Complex Type: linkAccountsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Descriptionik</th></tr><tr><td>**status**</td><td>StatusType</td><td>Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.</td></tr><tr><td>**reason**</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>
failedData	failedLinkAcctDataListType	0..1	See failedLinkAcctDataListType.

Referenced By

Name	Type
linkAccountsResponse	Element

Complex Type: maintenanceIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the maintenance product.
primaryKeys	maintenancePKType	0..1	Database primary key of the maintenance product—strings containing the **name** and **version** of the maintenance product. See maintenancePKType.

Complex Type: maintenancePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the maintenance product.
version	string	1..1	The **version** of the maintenance product.

Referenced By

Name	Type
primaryKeys [type maintenanceIdentifierType]	Element

Complex Type: NumberQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	integer	1..1	Number to match part or all of the attribute value.
searchType	numberSearchType	1..1	One of the following numberSearchType values: • GREATER_THAN • GREATER_THAN_EQUALS • LESS_THAN • LESS_THAN_EQUALS • EQUALS • NOT_EQUALS

Referenced By

Name	Type
numberValue [type customAttributeQueryType]	Element

Complex Type: partNumberIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the part number, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the part number.
primaryKeys	partNumberPKType	0..1	Database primary key of the part number—string containing the **partId** of the part number. See partNumberPKType.

Complex Type: partNumberIdentifierWithModelType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the part number.
primaryKeys	partNumberPKType	0..1	Database primary key of the part number—a string containing the **partId** of the part number. See partNumberPKType.
licenseModel	licenseModelIdentifierType	0..1	Optional, if you want to map a part number for a product to one specific license model linked to the product. See licenseModelIdentifierType.

Complex Type: partNumberPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partId	string	1..1	The **partId** of the part number.

Referenced By

Name	Type
primaryKeys [type partNumberIdentifierType]	Element
primaryKeys [type partNumberIdentifierWithModelType]	Element

Complex Type: permissionListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
permission	string	1..*	The permission that the user has been granted.This will be shown as a string roughly in the format "platform:view.and.manage.users".

Referenced By

Name	Type
permissions [type getUserPermissionsResponseDataType]	Element

Complex Type: productIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the product, not both.

Note: *In the Entitlement Order service, productIdentifierType is used to identify products, maintenance products, and suites. In the Product Packaging Service, each has its own identifier type.*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the product.
primaryKeys	productPKType	0..1	Database primary key of the product—strings containing the **name** and **version** of the product. See productPKType.

Referenced By

Name	Type
product [type entitledProductDataType]	Element
productIdentifier [type productIdentifierWithCountDataType]	Element

Complex Type: productIdentifierWithCountDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productIdentifier	productIdentifierType	1..1	Required. See productIdentifierType.
count	positiveInteger	1..1	Required. Positive integer that indicates the cardinality of the product in the suite.

Complex Type: productPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the product.
version	string	1..1	The **version** of the product.

Referenced By

Name	Type
primaryKeys [type productIdentifierType]	Element

Complex Type: relateAccountsDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountToRelate	accountIdentifierTypeUser	1..1	Identifier of the account for which you want to define a channel partner relationship. See accountIdentifierType.
relatedAccount	accountIdentifierTypeUser	1..1	Identifier of the account to relate to account defined in **accountToRelate**. See accountIdentifierType.

Referenced By

Name	Type
acctData [type failedRelateAccountsDataType]	Element
acctData [type relateAccountsRequestType]	Element

Complex Type: relateAccountsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	relateAccountsDataType	1..*	Required. A relationship between two accounts is expressed as an **acctData** element. The accounts can be two CHANNEL_PARTNER accounts or a CHANNEL_PARTNER account and a CUSTOMER account. See relateAccountsDataType.

Referenced By

Name	Type
relateAccountsRequest	Element
relateAccounts	Method

Complex Type: relateAccountsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRelateAccountsDataListType</td><td>0..1</td><td>See failedRelateAccountsDataListType.</td></tr>
</table>

Referenced By

Name	Type
relateAccountsResponse	Element

Complex Type: roleIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Role ID.
primaryKeys	rolePKType	0..1	Name of the role. See rolePKType.

Referenced By

Name	Type
role [type createUserAccountRolesListType]	Element
role [type updateUserRolesAccountListType]	Element
role [type updateUserRolesListType]	Element

Complex Type: rolePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the role.

Referenced By

Name	Type
primaryKeys [type roleIdentifierType]	Element

Complex Type: SimpleQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountID [type accountQueryParametersType]	Element
accountName [type accountQueryParametersType]	Element
accountName [type userQueryParametersType]	Element
address1 [type accountQueryParametersType]	Element
address2 [type accountQueryParametersType]	Element
city [type accountQueryParametersType]	Element
city [type userQueryParametersType]	Element
country [type accountQueryParametersType]	Element
country [type userQueryParametersType]	Element
description [type accountQueryParametersType]	Element
displayName [type userQueryParametersType]	Element
emailAddress [type userQueryParametersType]	Element
faxNumber [type userQueryParametersType]	Element
firstName [type userQueryParametersType]	Element
lastName [type userQueryParametersType]	Element
phoneNumber [type userQueryParametersType]	Element
region [type accountQueryParametersType]	Element
state [type accountQueryParametersType]	Element
state [type userQueryParametersType]	Element
street [type userQueryParametersType]	Element
stringValue [type acctCustomAttributeQueryType]	Element
stringValue [type customAttributeQueryType]	Element
stringValue [type userCustomAttributeQueryType]	Element

Referenced By

Name	Type
userName [type userQueryParametersType]	Element
zipcode [type accountQueryParametersType]	Element
zipcode [type userQueryParametersType]	Element

Complex Type: StateQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	StateType	1..1	StateType value of TEST, DRAFT, DEPLOYED, INACTIVE, OBSOLETE to match part or all of the state value.
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Complex Type: StatusInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
statusInfo [type addDomainUserResponseType]	Element
statusInfo [type createAcctResponseType]	Element
statusInfo [type createUserResponseType]	Element
statusInfo [type deleteAccountResponseType]	Element
statusInfo [type deleteDomainUserResponseType]	Element
statusInfo [type deleteUserResponseType]	Element
statusInfo [type getAccountCountResponseType]	Element
statusInfo [type getAccountsQueryResponseType]	Element
statusInfo [type getParentAccountsResponseType]	Element
statusInfo [type getRelatedAccountsResponseType]	Element
statusInfo [type getSubAccountsResponseType]	Element
statusInfo [type getUserAccountsExpiryQueryResponseType]	Element
statusInfo [type getUserCountResponseType]	Element
statusInfo [type getUserPermissionsResponseType]	Element
statusInfo [type getUsersQueryResponseType]	Element
statusInfo [type linkAccountsResponseType]	Element
statusInfo [type relateAccountsResponseType]	Element
statusInfo [type updateAccountResponseType]	Element
statusInfo [type updateDomainUserResponseType]	Element
statusInfo [type updateUserResponseType]	Element
statusInfo [type updateUserRolesResponseType]	Element

Complex Type: suiteIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the suite.
primaryKeys	suitePKType	0..1	Database primary key of the suite—strings containing the **name** and **version** of the suite. See suitePKType.

Complex Type: suitePKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the suite.
version	string	1..1	The **version** of the suite.

Referenced By

Name	Type
primaryKeys [type suiteIdentifierType]	Element

Complex Type: trustedKeyIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the transaction key.
primaryKeys	trustedKeyPKType	0..1	Database primary key of the transaction key—a string containing the **keyName** of the transaction key. See trustedKeyPKType.

Complex Type: trustedKeyPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
keyName	string	1..1	The **keyName** of the transaction key.

Referenced By

Name	Type
primaryKeys [type trustedKeyIdentifierType]	Element

Complex Type: updateAccountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	updateAcctDataType	1..*	Account to be updated. See updateAcctDataType.

Referenced By

Name	Type
updateAccountRequest	Element
updateAccount	Method

Complex Type: updateAccountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateAcctDataListType</td><td>0..1</td><td>See failedUpdateAcctDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateAccountResponse	Element

Complex Type: updateAcctDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
id	string	0..1	Account identifier (short account name) of the account.
name	string	0..1	Account name (full account name) of the account.
description	string	0..1	Description of the account.
address	addressDataType	0..1	Account physical address. See addressDataType.
subAccounts	updateSubAccountsListType	0..1	See updateSubAccountsListType.
relatedAccounts	updateRelatedAccountsListType	0..1	See updateRelatedAccountsListType.
visible	boolean	0..1	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
customAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Referenced By

Name	Type
acctData [type failedUpdateAcctDataType]	Element
acctData [type updateAccountRequestType]	Element

Complex Type: updatedDomainUserDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	domainUserIdentifierType	0..*	

Referenced By

Name	Type
responseData [type updateDomainUserResponseType]	Element

Complex Type: updateDomainUserDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
domainUser	domainUserIdentifierType	1..1	
email	string	0..1	
organization	string	0..1	
roles	string	0..*	
optIn	boolean	0..1	
locale	string	0..1	
timeZone	string	0..1	
status	UserStatusType	0..1	
customAttributes	attributeDescriptorDataType	0..1	

Referenced By

Name	Type
user [type failedUpdateDomainUserDataType]	Element
user [type updateDomainUserRequestType]	Element

Complex Type: updateDomainUserRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	updateDomainUserDataType	1..*	

Referenced By

Name	Type
updateDomainUserRequest	Element
updateDomainUsers	Method

Complex Type: updateDomainUserResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Content Model

Component	Type	Occurs	Description
failedData	failedUpdateDomainUserDataListType	0..1	See failedUpdateDomainUserDataListType
responseData	updatedDomainUserDataListType	0..1	See updatedDomainUserDataListType

Referenced By

Name	Type
updateDomainUserResponse	Element

Complex Type: updateEntitledProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitledProducts	entitledProductDataType	0..*	See entitledProductDataType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each entitlement to be modified: • REPLACE • ADD • DELETE

Complex Type: updateRelatedAccountsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
relatedAccount	accountIdentifierTypeUser	1..*	Array of account identifiers of related accounts. See accountIdentifierType.
opType	CollectionOperationType	1..1	Type of operation performed on the account. • **ADD**—add a link to this related account. • **REPLACE**—replace all current links to related accounts with a link to this account. • **DELETE**—remove the link between the account and this related account.

Referenced By

Name	Type
relatedAccounts [type updateAcctDataType]	Element

Complex Type: updateSubAccountsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
subAccount	accountIdentifierTypeUser	1..*	Array of account identifiers of subaccounts. See accountIdentifierType.
opType	CollectionOperationType	1..1	Type of operation performed on the account. • **ADD**—add a link to this subaccount. • **REPLACE**—replace all current links to first-level subaccounts with a link to this one. • **DELETE**—remove the link between the parent and this subaccount, promoting the subaccount to a root account if it is not linked to any other parent accounts.

Referenced By

Name	Type
subAccounts [type updateAcctDataType]	Element

Complex Type: updateUserAccountRolesDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
roles	updateUserRolesListType	1..1	See updateUserRolesListType.

Referenced By

Name	Type
accountRoles [type updateUserRolesDataType]	Element

Complex Type: updateUserAccountsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctRoles	updateUserAccountType	1..*	List of account identifiers and roles. See updateUserAccountType.
opType	CollectionOperationType	1..1	Type of operation performed on the user's accounts and roles. • **ADD**—add the user to the account. • **REPLACE**—replace all current links to accounts. Unlike in the Admin Console, it is possible to replace a link from one type of account to another type. • **DELETE**—remove the link between the user and account, only if the user is linked to another account.

Referenced By

Name	Type
acctRolesList [type updateUserDataType]	Element

Complex Type: updateUserAccountType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
expiryDate	date	0..1	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. If not included, there will be no change to the user's existing expiration date setting. **Note 1:** Because the field cannot contain a null value, to clear a previously set expiration date for a user, you must edit the **Expiry date** field for the user in the FlexNet Operations Producer Portal. Alternatively, using the web services, the expiration date can be set to far enough in the future that it, in effect, never expires. **Note 2:** If the **Enable User Expiration** is not selected in the FlexNet Operations system configuration, the following error message will result: User Account Expiration Configuration is Disabled.
roles	updateUserRolesAccountListType	0..1	See updateUserRolesAccountListType.

Referenced By

Name	Type
acctRoles [type updateUserAccountsListType]	Element

Complex Type: updateUserDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	1..1	Identifies the user being updated. See userIdentifierType. Required. All other elements are optional.
firstName	string	0..1	User first name.
lastName	string	0..1	User last name.
displayName	string	0..1	User's display name.
emailAddress	string	0..1	User's email address.
optIn	boolean	0..1	Does the user wish to receive email?
phoneNumber	string	0..1	User's phone number.
faxNumber	string	0..1	User's fax number.
street	string	0..1	Street portion of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Optional. Country in which contact is located. Provide country in the two-character ISO-3166 format.
status	UserStatusType	0..1	Status can be one of the following values: • Active • Inactive
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US.

Content Model

Component	Type	Occurs	Description
timezone	UserTimeZoneType	0..1	Optional. Provide time zone setting in one of the following formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string and the time zone string is displayed when a user is retrieved.
shared	boolean	0..1	Is this a shared login among several users?
acctRolesList	updateUserAccountsListType	0..1	List of the user's roles. See updateUserAccountsListType.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this user. See attributeDescriptorDataType.

Referenced By

Name	Type
userData [type failedUpdateUserDataType]	Element
userData [type updateUserRequestType]	Element

Complex Type: updateUserRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	updateUserDataType	1..*	User to be updated. See updateUserDataType.

Referenced By

Name	Type
updateUserRequest	Element
updateUser	Method

Complex Type: updateUserResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateUserDataListType</td><td>0..1</td><td>See failedUpdateUserDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateUserResponse	Element

Complex Type: updateUserRolesAccountListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
role	roleIdentifierType	1..*	See roleIdentifierType.

Referenced By

Name	Type
roles [type updateUserAccountType]	Element

Complex Type: updateUserRolesDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	1..1	See userIdentifierType.
accountRoles	updateUserAccountRolesDataType	1..1	See updateUserAccountRolesDataType.

Referenced By

Name	Type
userData [type failedUpdateUserRolesDataType]	Element
userData [type updateUserRolesRequestType]	Element

Complex Type: updateUserRolesListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
role	roleIdentifierType	1..*	See roleIdentifierType.
opType	CollectionOperationType	1..1	Type of operation performed on the user. • **ADD**—assign the user to a role. • **REPLACE**—replace a current role assignment. • **DELETE**—remove the link between the user and a role.

Referenced By

Name	Type
roles [type updateUserAccountRolesDataType]	Element

Complex Type: updateUserRolesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	updateUserRolesDataType	1..*	User to be updated. See updateUserRolesDataType.

Referenced By

Name	Type
updateUserRolesRequest	Element
updateUserRoles	Method

Complex Type: updateUserRolesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
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<tr><td>failedData</td><td>failedUpdateUserRolesDataListType</td><td>0..1</td><td>See failedUpdateUserRolesDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateUserRolesResponse	Element

Complex Type: userAccountExpiryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	userDetailDataType	0..1	See userDetailDataType.
accountExpiryData	accountExpiryType	0..1	See accountExpiryType.

Referenced By

Name	Type
userAccountExpiryData [type getUserAccountsExpiryQueryResponseDataType]	Element

Complex Type: userAccountRolesListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
roleName	string	1..*	User's role name.

Referenced By

Name	Type
roles [type userAccountType]	Element
roles [type userQueryParametersType]	Element

Complex Type: userAccountsListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctRoles	userAccountType	0..*	See userAccountType.

Referenced By

Name	Type
accountRolesList [type userDetailDataType]	Element

Complex Type: userAccountType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
roles	userAccountRolesListType	0..1	See userAccountRolesListType.

Referenced By

Name	Type
acctRoles [type userAccountsListType]	Element

Complex Type: userCustomAttributeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the custom attribute.
stringValue	SimpleQueryType	0..1	Value of the custom attribute.

Referenced By

Name	Type
attribute [type userCustomAttributesQueryListType]	Element

Complex Type: userCustomAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	userCustomAttributeQueryType	0..*	See userCustomAttributeQueryType.

Referenced By

Name	Type
customAttributes [type userQueryParametersType]	Element

Complex Type: userDetailDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userIdentifier	userIdentifierType	1..1	See userIdentifierType.
displayName	string	0..1	User's display name.
optIn	boolean	0..1	Does the user wish to receive email?
faxNumber	string	0..1	User's fax number.
street	string	0..1	Street portion of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Country in which contact is located. Provide country in the two-character ISO-3166 format.
status	UserStatusType	0..1	Status can be one of the following values: • Active • Inactive
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US.
timezone	UserTimeZoneType	0..1	Optional. Provide time zone setting in one of the followig formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string, and the time zone string is displayed when a user is retrieved.

Content Model

Component	Type	Occurs	Description
shared	boolean	0..1	Optional. Corresponds to the **Shared Login** control in the administrative console UI. The shared element can be true or false. • **true**—Shared Login is enabled for the user account. This is useful when the same user account is used to log in to FlexNet Operations simultaneously from different instances. Logged in history is not written to the database. • **false**—Shared Login is not enabled for the user account.
domain	string	0..1	User's domain.
dateCreated	dateTime	0..1	Date the user account was created.
dateLastModified	dateTime	0..1	Date the user account was last modified.
dateLastLogin	dateTime	0..1	Date of user's last login.
accountRolesList	userAccountsListType	0..1	List of the user's roles. See userAccountsListType.
expiryDate	date	0..1	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. **Note:** Because the field cannot contain a null value, to clear the expiry date for a user, you must edit the Expiry date field for the user in the FlexNet Operations Producer Portal. Alternatively, using the web services, the expiry date can be set to far enough in the future that it, in effect, never expires.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this user. See attributeDescriptorDataType.
createdBy	string	0..1	Name of the user who created the user account.
lastModifiedBy	string	0..1	Name of the user who last modified the user account.

Referenced By

Name	Type
user [type getUsersQueryResponseDataType]	Element
userData [type userAccountExpiryType]	Element

Complex Type: userIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	User's unique ID.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.

Referenced By

Name	Type
forceDeleteUserIdentifierType	Complex Type
user [type createdUserDataListType]	Element
user [type updateUserDataType]	Element
user [type updateUserRolesDataType]	Element
userIdentifier [type userDetailDataType]	Element

Complex Type: userPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
firstName	string	1..1	User's first name.
lastName	string	1..1	User's last name.
emailAddress	string	1..1	User's email address.
phoneNumber	string	0..1	User's phone number.

Referenced By

Name	Type
primaryKeys [type userIdentifierType]	Element

Complex Type: userQueryParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userName	SimpleQueryType	0..1	User's FNO user name. • If **canLogin** is set to false, this fields is ignored. • If **canLogin** is set to true, this field is required.
firstName	SimpleQueryType	0..1	User first name.
lastName	SimpleQueryType	0..1	User last name.
displayName	SimpleQueryType	0..1	User's display name.
emailAddress	SimpleQueryType	0..1	User's email address.
phoneNumber	SimpleQueryType	0..1	User's phone number.
faxNumber	SimpleQueryType	0..1	User's fax number.
street	SimpleQueryType	0..1	Street portion of address.
city	SimpleQueryType	0..1	City portion of address.
state	SimpleQueryType	0..1	State portion of address.
zipcode	SimpleQueryType	0..1	Postal code.
country	SimpleQueryType	0..1	Country in which contact is located. Provide country in the two-character ISO-3166 format.
isActive	boolean	0..1	Is the user currently active?
canLogIn	boolean	0..1	Can the user log in? If not, user information is kept only for contact purposes.
accountIdList	accountIdList	0..1	Use to retrieve user information for multiple accounts using a single API call. To retrieve information for multiple accounts, specify up to 10 account IDs using the getUsersQuery API request.
accountName	SimpleQueryType	0..1	Display name of any account to which the user belongs.
customAttributes	userCustomAttributesQueryListType	0..1	Custom attributes attached to this user. See userCustomAttributesQueryListType.
lastModifiedDateTime	DateTimeQueryType	0..1	Optional. The date and time at which the user account was last modified. See DateTimeQueryType.

Content Model

Component	Type	Occurs	Description
accountType	AcctType	0..1	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.
roles	userAccountRolesListType	0..1	See userAccountRolesListType.
usersFromLinkedAccount	boolean	0..1	A query for a parent account ID with **usersFromLinkedAccount** set to **true** would return users from all sub-accounts that are directly linked to the parent account. The field is available for the getUsersQuery and getUsersCount operations.

Content Model

Component	Type	Occurs	Description

sortBys	userSortBys	0..1	Enables producers who are building their own Web portal to sort columns.
			Only one sortBy parameter can be sent per request.
			Here is an example request:
			`<urn:sortBys>`
			`  <urn:sortBy>`
			`  <urn:sortKey>EMAIL</urn:sortKey>`
			`  <urn:ascending>false</urn:ascending>`
			`  </urn:sortBy>`
			`</urn:sortBys>`
			
			The following fields can be sorted:
			• ACCOUNT_NAME
			• ACCOUNT_ID
			• CAN_LOGIN
			• CITY
			• COUNTRY
			• DISPLAY_NAME
			• EMAIL
			• FIRST_NAME
			• ISACTIVE
			• LAST_MODIFIED
			• LAST_NAME
			• STATE

Referenced By

Name	Type
queryParams [type getUserCountRequestType]	Element
queryParams [type getUsersQueryRequestType]	Element

Complex Type: userSortBy

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sortKey	userSortKey	1..1	
ascending	boolean	1..1	

Referenced By

Name	Type
sortBy [type userSortBys]	Element

Complex Type: userSortBys

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sortBy	userSortBy	1..*	

Referenced By

Name	Type
sortBys [type userQueryParametersType]	Element

Complex Type: valueType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	0..*	Valid values for a MULTI_VALUED_TEXT license model attribute.

Referenced By

Name	Type
validValues [type attributeMetaDescriptorType]	Element

Complex Type: versionDateAttributesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
versionOption	VersionDateOptionType	1..1	See VersionDateOptionType.
duration	DurationType	0..1	Optional. See DurationType.

Complex Type: VersionFormatQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	VersionFormatType	1..1	**VersionFormatType** of FIXED or DATE_BASED.
searchType	simpleSearchType	1..1	One of the following **simpleSearchType** values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Simple Types: UserAcctHierarchyService

Simple Types

Name
accountType
AcctType
AttributeDataType
CollectionOperationType
CreateOrUpdateOperationType
datedSearchType
DurationUnit
FulfillmentSourceType
numberSearchType
ProductType
simpleSearchType
StartDateOptionType
StateType
StatusType
userSortKey
UserStatusType
UserTimeZoneType
VersionDateOptionType
VersionFormatType

Simple Type: accountType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Referenced By

Name	Type
accountType [type accountTypeList]	Element

Simple Type: AcctType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Referenced By

Name	Type
accountType [type accountDataType]	Element
accountType [type accountDetailDataType]	Element
accountType [type accountQueryParametersType]	Element
accountType [type accountUserExpiryQueryParametersType]	Element
accountType [type userQueryParametersType]	Element
acctType [type AcctTypeList]	Element

Simple Type: AttributeDataType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
TEXT	
BOOLEAN	
NUMBER	
DATE	
MULTI_VALUED_TEXT	
LONGTEXT	

Referenced By

Name	Type
attributeDataType [type attributeMetaDescriptorType]	Element

Simple Type: CollectionOperationType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
REPLACE	
ADD	
DELETE	

Referenced By

Name	Type
opType [type updateEntitledProductDataListType]	Element
opType [type updateRelatedAccountsListType]	Element
opType [type updateSubAccountsListType]	Element
opType [type updateUserAccountsListType]	Element
opType [type updateUserRolesListType]	Element

Simple Type: CreateOrUpdateOperationType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CREATE_OR_UPDATE	
CREATE_OR_IGNORE	

Referenced By

Name	Type
opType [type createAcctRequestType]	Element
opType [type createUserRequestType]	Element

Simple Type: datedSearchType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
BEFORE	
AFTER	
ON	

Referenced By

Name	Type
searchType [type DateQueryType]	Element
searchType [type DateTimeQueryType]	Element

Simple Type: DurationUnit

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
DAYS	
WEEKS	
MONTHS	
YEARS	

Referenced By

Name	Type
durationUnit [type DurationType]	Element

Simple Type: FulfillmentSourceType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
ONLINE	
APPLICATION	

Simple Type: numberSearchType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
GREATER_THAN	
GREATER_THAN_EQUALS	
LESS_THAN	
LESS_THAN_EQUALS	
EQUALS	
NOT_EQUALS	

Referenced By

Name	Type
searchType [type NumberQueryType]	Element

Simple Type: ProductType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
LICENSED_PRODUCT	
SUITE	
MAINTENENACE	

Simple Type: simpleSearchType

Description

Search criteria would be the following for one account ID:

- STARTS_WITH
- CONTAINS
- ENDS_WITH
- EQUALS

Search criteria would be EQUALS if more than one account ID is provided to retrieve user information.

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
STARTS_WITH	
CONTAINS	
ENDS_WITH	
EQUALS	

Referenced By

Name	Type
searchType [type accountIdList]	Element
searchType [type SimpleQueryType]	Element
searchType [type StateQueryType]	Element
searchType [type VersionFormatQueryType]	Element

Simple Type: StartDateOptionType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
DEFINE_NOW	
DEFINE_AT_FIRST_ACTIVATION	
DEFINE_AT_EACH_ACTIVATION	
DEFINE_ACTDATE_AT_FIRST_ACTIVATION	
DEFINE_ACTDATE_AT_EACH_ACTIVATION	

Simple Type: StateType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
DRAFT	
ACTIVE	
INACTIVE	
DEPLOYED	
OBSOLETE	
TEST	
ON_HOLD	

Referenced By

Name	Type
value [type StateQueryType]	Element

Simple Type: StatusType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
SUCCESS	
FAILURE	
PARTIAL_FAILURE	

Referenced By

Name	Type
status [type StatusInfoType]	Element

Simple Type: userSortKey

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
EMAIL	
LAST_MODIFIED	
FIRST_NAME	
LAST_NAME	
DISPLAY_NAME	
CITY	
STATE	
COUNTRY	
ISACTIVE	
CAN_LOGIN	
ACCOUNT_ID	
ACCOUNT_NAME	

Referenced By

Name	Type
sortKey [type userSortBy]	Element

Simple Type: UserStatusType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
Active	
Inactive	

Referenced By

Name	Type
status [type addDomainUserDataType]	Element
status [type createUserDataType]	Element
status [type updateDomainUserDataType]	Element
status [type updateUserDataType]	Element
status [type userDetailDataType]	Element

Simple Type: UserTimeZoneType

Derived By

Restricting string

Restrictions

- Value must match the following pattern: [+\-][0-9]{2}[:][0-9]{2}|Z

Referenced By

Name	Type
timezone [type createUserDataType]	Element
timezone [type updateUserDataType]	Element
timezone [type userDetailDataType]	Element

Simple Type: VersionDateOptionType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
DEFINE_NOW	
USE_START_DATE	
USE_ACTIVATION_DATE	
DEFINE_VERSION_STARTDATE_LATER	
DEFINE_VERSION_DATE_LATER	

Referenced By

Name	Type
versionOption [type versionDateAttributesType]	Element

Simple Type: VersionFormatType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
FIXED	
DATE_BASED	

Referenced By

Name	Type
value [type VersionFormatQueryType]	Element

Elements: UserAcctHierarchyService

Elements

Name	Description
account [type accountDetailDataType]	See accountIdentifierType.
account [type createAcctRequestType]	See accountDataType.
account [type createdAccountDataListType]	See accountIdentifierType.
account [type createUserAccountType]	See accountIdentifierType.
account [type deleteAcctDataType]	Account identifier of parent account. See accountIdentifierType.
account [type failedCreateAcctDataType]	See accountDataType.
account [type getParentAccountsRequestType]	See accountIdentifierType.
account [type getRelatedAccountsRequestType]	See accountIdentifierType.
account [type getSubAccountsRequestType]	See accountIdentifierType.
account [type updateAcctDataType]	See accountIdentifierType.
account [type updateUserAccountRolesDataType]	See accountIdentifierType.
account [type updateUserAccountType]	See accountIdentifierType.
account [type userAccountType]	See accountIdentifierType.
accountExpiryData [type userAccountExpiryType]	See accountExpiryType.
accountID [type accountExpiryType]	Required. The ID of the account. If not provided, the following error message displays: User details cannot be fetched without account Id.
accountID [type accountIds]	Provide up to 10 account IDs to retrieve user information from multiple accounts.
accountID [type accountQueryParametersType]	Account ID.
accountID [type accountUserExpiryQueryParametersType]	Required. The ID of the account. If not provided, the following error message displays: User details cannot be fetched without account Id.
accountIdList [type userQueryParametersType]	Use to retrieve user information for multiple accounts using a single API call. To retrieve information for multiple accounts, specify up to 10 account IDs using the getUsersQuery API request.
accountIds [type accountIdList]	Provide the account IDs for which you want to retrieve user information. The configuration option **Number of accounts and associated user information to retrieve via SOAP API** limits the number of accounts that can be specified. Default = 10.
accountName [type accountQueryParametersType]	Account name.

Elements

Name	Description
accountName [type userQueryParametersType]	Display name of any account to which the user belongs.
accountRoles [type updateUserRolesDataType]	See updateUserAccountRolesDataType.
accountRolesList [type userDetailDataType]	List of the user's roles. See userAccountsListType.
accountToRelate [type relateAccountsDataType]	Identifier of the account for which you want to define a channel partner relationship. See accountIdentifierType.
accountType [type accountDataType]	Optional. Defines the account type. Valid values: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
accountType [type accountDetailDataType]	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER. Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
accountType [type accountQueryParametersType]	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
accountType [type accountTypeList]	
accountType [type accountUserExpiryQueryParametersType]	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.

Elements

Name	Description
accountType [type getUserPermissionsResponseDataType]	The account type of the first account the user belongs to.
accountType [type userQueryParametersType]	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.
accountTypeList [type accountQueryParametersType]	See accountTypeList.
acctData [type deleteAccountRequestType]	Account to be deleted. See deleteAcctDataType.
acctData [type failedDeleteAcctDataType]	See deleteAcctDataType.
acctData [type failedLinkAcctDataType]	See linkAccountsDataType.
acctData [type failedRelateAccountsDataType]	See relateAccountsDataType.
acctData [type failedUpdateAcctDataType]	See updateAcctDataType.
acctData [type getAccountsQueryResponseDataType]	See accountDetailDataType.
acctData [type linkAccountsRequestType]	Required. A link between exactly one root account and exactly one subaccount is expressed as an **acctData** element. A hierarchy with multiple root accounts or multiple sub accounts is constructed link by link with multiple **acctData** elements in a request. See linkAccountsDataType.
acctData [type relateAccountsRequestType]	Required. A relationship between two accounts is expressed as an **acctData** element. The accounts can be two CHANNEL_PARTNER accounts or a CHANNEL_PARTNER account and a CUSTOMER account. See relateAccountsDataType.
acctData [type updateAccountRequestType]	Account to be updated. See updateAcctDataType.
acctRoles [type createUserAccountsListType]	See createUserAccountType.
acctRoles [type updateUserAccountsListType]	List of account identifiers and roles. See updateUserAccountType.
acctRoles [type userAccountsListType]	See userAccountType.
acctRolesList [type createUserDataType]	Required. Set user's account and list of the user's roles. User name and roles are required if the user can log in. See createUserAccountsListType.
acctRolesList [type updateUserDataType]	List of the user's roles. See updateUserAccountsListType.

Elements

Name	Description
acctType [type AcctTypeList]	Optional. Defines the account type. **acctType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.
activationId [type entitlementLineItemPKType]	The activationId of the entitlement line item.
addDomainUserRequest	
addDomainUserResponse	
address [type accountDataType]	Optional. Account physical address. See addressDataType.
address [type accountDetailDataType]	Account physical address. See addressDataType.
address [type updateAcctDataType]	Account physical address. See addressDataType.
address1 [type accountQueryParametersType]	First line of address.
address1 [type addressDataType]	First line of address.
address2 [type accountQueryParametersType]	Second line of address.
address2 [type addressDataType]	Second line of address.
arrayValue [type attributeDescriptorType]	Array of string values of the attribute.
ascending [type userSortBy]	
attribute [type acctCustomAttributesQueryListType]	See acctCustomAttributeQueryType.
attribute [type attributeDescriptorDataType]	**attribute** contains a required string **attributeName** and one attributeDescriptorType.
attribute [type attributeMetaDescriptorDataType]	
attribute [type customAttributeDescriptorDataType]	
attribute [type customAttributesQueryListType]	See customAttributeQueryType.
attribute [type userCustomAttributesQueryListType]	See userCustomAttributeQueryType.
attributeDataType [type attributeMetaDescriptorType]	
attributeName [type acctCustomAttributeQueryType]	Name of the custom attribute.

Elements

Name	Description
attributeName [type attributeDescriptorType]	Name of the attribute.
attributeName [type attributeMetaDescriptorType]	
attributeName [type customAttributeDescriptorType]	
attributeName [type customAttributeQueryType]	The name of the custom attribute.
attributeName [type userCustomAttributeQueryType]	Name of the custom attribute.
batchSize [type getAccountsQueryRequestType]	Required. Maximum number of records to return in the response.
batchSize [type getUserAccountsExpiryQueryRequestType]	Required. Maximum number of records to return in the response.
batchSize [type getUsersQueryRequestType]	Required. Maximum number of records to return in the response.
booleanValue [type attributeDescriptorType]	Boolean value of the attribute.
booleanValue [type customAttributeQueryType]	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**. Set to true or false if the custom attribute is of type boolean.
canLogin [type createUserDataType]	Can the user log in? If not, user information is kept only for contact purposes.
canLogIn [type userQueryParametersType]	Can the user log in? If not, user information is kept only for contact purposes.
city [type accountQueryParametersType]	City.
city [type addressDataType]	City portion of address.
city [type createUserDataType]	City portion of address.
city [type updateUserDataType]	City portion of address.
city [type userDetailDataType]	City portion of address.
city [type userQueryParametersType]	City portion of address.
count [type getAccountCountResponseDataType]	Number of matching accounts.
count [type getCountResponseDataType]	A count element.
count [type getUserCountResponseDataType]	Number of matching users.
count [type productIdentifierWithCountDataType]	Required. Positive integer that indicates the cardinality of the product in the suite.
country [type accountQueryParametersType]	Two letter country code.
country [type addressDataType]	Country, in two-letter ISO-3166 code. If not provided, defaults to US.
country [type createUserDataType]	Two-letter country code.

Elements

Name	Description
country [type updateUserDataType]	Optional. Country in which contact is located. Provide country in the two-character ISO-3166 format.
country [type userDetailDataType]	Country in which contact is located. Provide country in the two-character ISO-3166 format.
country [type userQueryParametersType]	Country in which contact is located. Provide country in the two-character ISO-3166 format.
createAcctRequest	A **createAcctRequest** message contains an element of createAcctRequestType.
createAcctResponse	A **createAcctResponse** message contains an element of createAcctResponseType.
createdBy [type accountDetailDataType]	Name of the user who created the account.
createdBy [type userDetailDataType]	Name of the user who created the user account.
createdDate [type accountDetailDataType]	Timestamp representing the date the account was created.
createUserRequest	A **createUserRequest** message contains an element of createUserRequestType.
createUserResponse	A **createUserResponse** message contains an element of createUserResponseType.
customAttributes [type accountDataType]	Custom attributes attached to this account. See attributeDescriptorDataType.
customAttributes [type accountDetailDataType]	See attributeDescriptorDataType.
customAttributes [type accountQueryParametersType]	See acctCustomAttributesQueryListType.
customAttributes [type addDomainUserDataType]	
customAttributes [type createUserDataType]	Custom attributes attached to this user. See attributeDescriptorDataType.
customAttributes [type updateAcctDataType]	See attributeDescriptorDataType.
customAttributes [type updateDomainUserDataType]	
customAttributes [type updateUserDataType]	Custom attributes attached to this user. See attributeDescriptorDataType.
customAttributes [type userDetailDataType]	Custom attributes attached to this user. See attributeDescriptorDataType.
customAttributes [type userQueryParametersType]	Custom attributes attached to this user. See userCustomAttributesQueryListType.
dateCreated [type userDetailDataType]	Date the user account was created.
dateLastLogin [type userDetailDataType]	Date of user's last login.
dateLastModified [type accountDetailDataType]	Timestamp representing the last time the account was modified.

Elements

Name	Description
dateLastModified [type userDetailDataType]	Date the user account was last modified.
dateValue [type attributeDescriptorType]	Date value of the attribute.

dateValue [type customAttributeQueryType]	Optional. A **dateValue** element contains:
	• **value**—a date value to compare to the version date value.
	• **searchType**—one of the following datedSearchType values:
	  • BEFORE
	  • AFTER
	  • ON

deleteAccountRequest	A **deleteAccountRequest** message contains an element of deleteAccountRequestType.
deleteAccountResponse	A **deleteAccountResponse** message contains an element of deleteAccountResponseType.
deleteDomainUserRequest	
deleteDomainUserResponse	
deleteSubTree [type deleteAcctDataType]	If true, deletes the entire account subtree as well. (Default value is true.)
deleteUserRequest	A **deleteUserRequest** message contains an element of deleteUserRequestType.
deleteUserResponse	A **deleteUserResponse** message contains an element of deleteUserResponseType.
description [type accountDataType]	Optional. Description of the account.
description [type accountDetailDataType]	Account description.
description [type accountQueryParametersType]	Account description.
description [type updateAcctDataType]	Description of the account.
displayName [type createUserDataType]	User’s display name.
displayName [type updateUserDataType]	User’s display name.
displayName [type userDetailDataType]	User’s display name.
displayName [type userQueryParametersType]	User’s display name.
domain [type addDomainUserDataType]	
domain [type userDetailDataType]	User’s domain.
domainName [type domainUserPKType]	
domainName [type getUserPermissionsRequestType]	The previous username's domain.

Elements

Name	Description
domainUser [type updateDomainUserDataType]	
duration [type versionDateAttributesType]	Optional. See DurationType.
durationUnit [type DurationType]	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS
email [type updateDomainUserDataType]	
emailAddress [type createUserDataType]	User's email address. Required.
emailAddress [type updateUserDataType]	User's email address.
emailAddress [type userPKType]	User's email address.
emailAddress [type userQueryParametersType]	User's email address.
emailId [type emailContactListType]	List of email addresses to which to send license certificate.
entitledProduct [type entitledProductDataListType]	See entitledProductDataType.
entitledProducts [type updateEntitledProductDataListType]	See entitledProductDataType.
entitlementId [type entitlementPKType]	The entitlement ID of the entitlement.
expiryDate [type accountExpiryType]	The date the user's access to an account expires.
expiryDate [type accountUserExpiryQueryParametersType]	See DateQueryType.
expiryDate [type createUserAccountType]	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. If not included, the user's access to the account will not expire. **Note:** If the **Enable User Expiration** is not selected in the FlexNet Operations system configuration, the following error message will result: User Account Expiration Configuration is Disabled.
expiryDate [type updateUserAccountType]	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. If not included, there will be no change to the user's existing expiration date setting. **Note 1:** Because the field cannot contain a null value, to clear a previously set expiration date for a user, you must edit the **Expiry date** field for the user in the FlexNet Operations Producer Portal. Alternatively, using the web services, the expiration date can be set to far enough in the future that it, in effect, never expires. **Note 2:** If the **Enable User Expiration** is not selected in the FlexNet Operations system configuration, the following error message will result: User Account Expiration Configuration is Disabled.

Elements

Name	Description
expiryDate [type userDetailDataType]	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. **Note:** Because the field cannot contain a null value, to clear the expiry date for a user, you must edit the Expiry date field for the user in the FlexNet Operations Producer Portal. Alternatively, using the web services, the expiry date can be set to far enough in the future that it, in effect, never expires.
failedAccount [type failedUpdateAcctDataListType]	See failedUpdateAcctDataType.
failedAcct [type failedCreateAcctDataListType]	See failedCreateAcctDataType.
failedAcct [type failedDeleteAcctDataListType]	See failedDeleteAcctDataType.
failedAcctData [type failedLinkAcctDataListType]	See failedLinkAcctDataType,
failedAcctData [type failedRelateAccountsDataListType]	See failedRelateAccountsDataType.
failedData [type addDomainUserResponseType]	
failedData [type createAcctResponseType]	See failedCreateAcctDataListType.
failedData [type createUserResponseType]	See failedCreateUserDataListType.
failedData [type deleteAccountResponseType]	See failedDeleteAcctDataListType.
failedData [type deleteDomainUserResponseType]	
failedData [type deleteUserResponseType]	See failedDeleteUserDataListType.
failedData [type linkAccountsResponseType]	See failedLinkAcctDataListType.
failedData [type relateAccountsResponseType]	See failedRelateAccountsDataListType.
failedData [type updateAccountResponseType]	See failedUpdateAcctDataListType.
failedData [type updateDomainUserResponseType]	See failedUpdateDomainUserDataListType
failedData [type updateUserResponseType]	See failedUpdateUserDataListType.
failedData [type updateUserRolesResponseType]	See failedUpdateUserRolesDataListType.
failedUser [type failedAddDomainUserDataListType]	
failedUser [type failedCreateUserDataListType]	See failedCreateUserDataType.

Elements

Name	Description
failedUser [type failedDeleteDomainUserDataListType]	
failedUser [type failedDeleteUserDataListType]	See failedDeleteUserDataType.
failedUser [type failedUpdateDomainUserDataListType]	
failedUser [type failedUpdateUserDataListType]	See failedUpdateUserDataType.
failedUser [type failedUpdateUserRolesDataListType]	See failedUpdateUserRolesDataType.
faxNumber [type createUserDataType]	User's fax number.
faxNumber [type updateUserDataType]	User's fax number.
faxNumber [type userDetailDataType]	User's fax number.
faxNumber [type userQueryParametersType]	User's fax number.
firstName [type createUserDataType]	User first name. Required.
firstName [type updateUserDataType]	User first name.
firstName [type userPKType]	User's first name.
firstName [type userQueryParametersType]	User first name.
forceDelete [type forceDeleteUserIdentifierType]	
fulfillmentId [type fulfillmentPKType]	The fulfillmnet ID.
getAccountCountRequest	A **getAccountCountRequest** message contains an element of getAccountCountRequestType.
getAccountCountResponse	A **getAccountCountResponse** message contains an element of getAccountCountResponseType.
getAccountsQueryRequest	See **getAccountsQueryRequest** message contains an element of getAccountsQueryRequestType.
getAccountsQueryResponse	See **getAccountsQueryResponse** message contains an element of getAccountsQueryResponseType.
getParentAccountsRequest	A **getParentAccountsRequest** message contains an element of getParentAccountsRequestType.
getParentAccountsResponse	A **getParentAccountsResponse** message contains an element of getParentAccountsResponseType.
getRelatedAccountsRequest	A **getRelatedAccountsRequest** message contains an element of getRelatedAccountsRequestType.
getRelatedAccountsResponse	A **getRelatedAccountsResponse** message contains an element of getRelatedAccountsResponseType.
getSubAccountsRequest	A **getSubAccountsRequest** message contains an element of getSubAccountsRequestType.

Elements

Name	Description
getSubAccountsResponse	A **getSubAccountsResponse** message contains an element of getSubAccountsResponseType.
getUserAccountsExpiryQueryRequest	A **getUserAccountsExpiryQueryRequest** message contains an element of getUserAccountsExpiryQueryRequestType.
getUserAccountsExpiryQueryResponse	A **getUserAccountsExpiryQueryResponse** message contains an element of getUserAccountsExpiryQueryResponseType.
getUserCountRequest	A **getUserCountRequest** message contains an element of getUserCountRequestType.
getUserCountResponse	A **getUserCountResponse** message contains an element of getUserCountResponseType.
getUserPermissionsRequest	A **getUserPermissionsRequest** message contains an element of getUserPermissionsRequestType.
getUserPermissionsResponse	A **getUserPermissionsResponse** message contains an element of getUserPermissionsResponseType.
getUsersQueryRequest	A **getUsersQueryRequest** message contains an element of getUsersQueryRequestType.
getUsersQueryResponse	A **getUsersQueryResponse** message contains an element of getUsersQueryResponseType.
id [type accountDataType]	Required. Displayed as **Account Identifier** (short account name) in the web interface.
id [type accountPKTypeUser]	
id [type updateAcctDataType]	Account identifier (short account name) of the account.
integerValue [type attributeDescriptorType]	Integer value of the attribute.
isActive [type userQueryParametersType]	Is the user currently active?
keyName [type trustedKeyPKType]	The **keyName** of the transaction key.
lastModifiedBy [type accountDetailDataType]	Name of the user who last modified the account.
lastModifiedBy [type userDetailDataType]	Name of the user who last modified the user account.
lastModifiedDateTime [type accountQueryParametersType]	See DateTimeQueryType.
lastModifiedDateTime [type userQueryParametersType]	Optional. The date and time at which the user account was last modified. See DateTimeQueryType.
lastName [type createUserDataType]	User last name. Required.
lastName [type updateUserDataType]	User last name.
lastName [type userPKType]	User's last name.
lastName [type userQueryParametersType]	User last name.
licenseModel [type partNumberIdentifierWithModelType]	Optional, if you want to map a part number for a product to one specific license model linked to the product. See licenseModelIdentifierType.

Elements

Name	Description
linkAccountsRequest	A **linkAccountsRequest** message contains an element of linkAccountsRequestType.
linkAccountsResponse	A **linkAccountsResponse** message contains an element of linkAccountsResponseType.
locale [type addDomainUserDataType]	
locale [type createUserDataType]	User's locale.
locale [type updateDomainUserDataType]	
locale [type updateUserDataType]	Optional. A string containing one of the locale settings supported by Java, for example, en_US.
locale [type userDetailDataType]	Optional. A string containing one of the locale settings supported by Java, for example, en_US.
name [type accountDataType]	Required. Displayed as **Account Name** (full account name) in the web interface.
name [type accountDetailDataType]	The account name.
name [type accountIdentifierTypeUser]	
name [type featureBundlePKType]	The name of the feature bundle.
name [type featurePKType]	The **name** of the feature.
name [type hostTypePKType]	The **name** of the host type.
name [type licenseGeneratorPKType]	The **name** of the license generator configuration.
name [type licenseModelPKType]	The **name** of the license model.
name [type licenseTechnologyPKType]	The **name** of the license technology.
name [type maintenancePKType]	The **name** of the maintenance product.
name [type productPKType]	The **name** of the product.
name [type rolePKType]	Name of the role.
name [type suitePKType]	The **name** of the suite.
name [type updateAcctDataType]	Account name (full account name) of the account.
namespace [type attributeMetaDescriptorType]	

Elements

Name	Description

numberValue [type customAttributeQueryType]	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**.
	A **numberValue** element contains:
	• **value**—an integer number to match part or all of the custom attribute value.
	• **searchType**—one of the following simpleSearchType values:
	  • GREATER_THAN
	  • GREATER_THAN_EQUALS
	  • LESS_THAN
	  • LESS_THAN_EQUALS
	  • EQUALS
	  • NOT_EQUALS

numDuration [type DurationType]	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
onlyRootAccounts [type accountQueryParametersType]	If true, returns only root accounts.
optIn [type addDomainUserDataType]	
optIn [type createUserDataType]	Required. Does the user wish to receive email?
optIn [type updateDomainUserDataType]	
optIn [type updateUserDataType]	Does the user wish to receive email?
optIn [type userDetailDataType]	Does the user wish to receive email?
opType [type createAcctRequestType]	Specifies how FlexNet Operations behaves when creating accounts. For details, see CreateOrUpdateOperationType. If no **opType** is set, FlexNet Operations creates the specified account unless the account already exists. When the account already exists, the operation fails.

Elements

Name	Description
opType [type createUserRequestType]	Specifies how FlexNet Operations behaves when creating users. For details, see CreateOrUpdateOperationType. • If no **opType** is set, FlexNet Operations creates the specified user unless the user or contact already exists. When the user or contact already exists, the operation fails. • If the user does not exist and the **opType** is set to either **CREATE_OR_UPDATE** or **CREATE_OR_IGNORE**, the operation will succeed unless the existing contact already belongs to another user. If the contact exists but does not belong to another user, it will create the user and update the contact with the new user. • If both the user and contact exist and the **opType** is set to **CREATE_OR_UPDATE**, the request will update the contact. • If both the user and contact exist and the **opType** is set to **CREATE_OR_IGNORE**, the request will not update the contact.
opType [type updateEntitledProductDataListType]	Required. Specify one of the following for each entitlement to be modified: • REPLACE • ADD • DELETE
opType [type updateRelatedAccountsListType]	Type of operation performed on the account. • **ADD**—add a link to this related account. • **REPLACE**—replace all current links to related accounts with a link to this account. • **DELETE**—remove the link between the account and this related account.
opType [type updateSubAccountsListType]	Type of operation performed on the account. • **ADD**—add a link to this subaccount. • **REPLACE**—replace all current links to first-level subaccounts with a link to this one. • **DELETE**—remove the link between the parent and this subaccount, promoting the subaccount to a root account if it is not linked to any other parent accounts.

Elements

Name	Description
opType [type updateUserAccountsListType]	Type of operation performed on the user's accounts and roles. • **ADD**—add the user to the account. • **REPLACE**—replace all current links to accounts. Unlike in the Admin Console, it is possible to replace a link from one type of account to another type. • **DELETE**—remove the link between the user and account, only if the user is linked to another account.
opType [type updateUserRolesListType]	Type of operation performed on the user. • **ADD**—assign the user to a role. • **REPLACE**—replace a current role assignment. • **DELETE**—remove the link between the user and a role.
organization [type updateDomainUserDataType]	
pageNumber [type getAccountsQueryRequestType]	Required. Starts at 1. Say the getAccountsQuery operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
pageNumber [type getUserAccountsExpiryQueryRequestType]	Required. Starts at 1. Say the **getUserAccountsExpiryQuery** operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set pageNumber to 2.
pageNumber [type getUsersQueryRequestType]	Required. Starts at 1. Say the getUsersQuery operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
parentAcct [type linkAccountsDataType]	Identifier of the parent account. See accountIdentifierType.
partId [type partNumberPKType]	The **partId** of the part number.
permission [type permissionListType]	The permission that the user has been granted.This will be shown as a string roughly in the format "platform:view.and.manage.users".
permissions [type getUserPermissionsResponseDataType]	The list of permissions that the user has been granted. This will be shown as a string roughly in the format "platform:view.and.manage.users". See permissionListType.
phoneNumber [type createUserDataType]	User's phone number.
phoneNumber [type updateUserDataType]	User's phone number.
phoneNumber [type userPKType]	User's phone number.
phoneNumber [type userQueryParametersType]	User's phone number.
primaryKeys [type accountIdentifierTypeUser]	

Elements

Name	Description
primaryKeys [type domainUserIdentifierType]	
primaryKeys [type entitlementIdentifierType]	Database primary key of the entitlement—string containing the **entitlementId** of the entitlement. See entitlementPKType.
primaryKeys [type entitlementLineItemIdentifierType]	Database primary key of the entitlement line item—string containing the **activationId** of the entitlement line item. See entitlementLineItemPKType.
primaryKeys [type featureBundleIdentifierType]	Database primary key of the feature bundle—a string containing the name of the feature bundle. See featureBundlePKType.
primaryKeys [type featureIdentifierType]	Database primary keys of the feature—strings containing name and, if the feature version format is FIXED, the version of the feature. If the feature version format is DATE_BASED, specify only name. See featurePKType.
primaryKeys [type fulfillmentIdentifierType]	Database primary key of the fulfillment—a string containing the **fulfillmentID**. See fulfillmentPKType.
primaryKeys [type licenseGeneratorIdentifierType]	Database primary key of the license generator configuration—string containing the **name** of the license generator configuration. See licenseGeneratorPKType.
primaryKeys [type licenseModelIdentifierType]	Database primary key of the license model—a string containing the **name** of the license model. See licenseModelPKType.
primaryKeys [type licenseTechnologyIdentifierType]	Database primary key of the license technology—string containing the **name** of the license technology. See licenseTechnologyPKType.
primaryKeys [type maintenanceIdentifierType]	Database primary key of the maintenance product—strings containing the **name** and **version** of the maintenance product. See maintenancePKType.
primaryKeys [type partNumberIdentifierType]	Database primary key of the part number—string containing the **partId** of the part number. See partNumberPKType.
primaryKeys [type partNumberIdentifierWithModelType]	Database primary key of the part number—a string containing the **partId** of the part number. See partNumberPKType.
primaryKeys [type productIdentifierType]	Database primary key of the product—strings containing the **name** and **version** of the product. See productPKType.
primaryKeys [type roleIdentifierType]	Name of the role. See rolePKType.
primaryKeys [type suiteIdentifierType]	Database primary key of the suite—strings containing the **name** and **version** of the suite. See suitePKType.
primaryKeys [type trustedKeyIdentifierType]	Database primary key of the transaction key—a string containing the **keyName** of the transaction key. See trustedKeyPKType.
primaryKeys [type userIdentifierType]	See userPKType.
product [type entitledProductDataType]	See productIdentifierType.
productIdentifier [type productIdentifierWithCountDataType]	Required. See productIdentifierType.
quantity [type entitledProductDataType]	Quantity per copy of the line item. This is a multiplier to the number of copies. If one copy of the line item is fulfilled, this many copies of the entitled product will be fulfilled.
queryParams [type getAccountCountRequestType]	Required. See accountQueryParametersType. Leave this element blank to return all CUSTOMER accounts.

Elements

Name	Description
queryParams [type getAccountsQueryRequestType]	Required. See accountQueryParametersType. Leave this element blank to return all CUSTOMER accounts.
queryParams [type getUserAccountsExpiryQueryRequestType]	See accountUserExpiryQueryParametersType.
queryParams [type getUserCountRequestType]	Required. See userQueryParametersType. Leave this element blank to return all users.
queryParams [type getUsersQueryRequestType]	Required. See userQueryParametersType. Leave this element blank to return all users.
reason [type failedAddDomainUserDataType]	
reason [type failedCreateAcctDataType]	Reason for failure.
reason [type failedCreateUserDataType]	Reason for failure.
reason [type failedDeleteAcctDataType]	Reason for failure.
reason [type failedDeleteDomainUserDataType]	
reason [type failedDeleteUserDataType]	Reason for failure.
reason [type failedLinkAcctDataType]	Reason for failure.
reason [type failedRelateAccountsDataType]	Reason for failure.
reason [type failedUpdateAcctDataType]	Reason for failure.
reason [type failedUpdateDomainUserDataType]	
reason [type failedUpdateUserDataType]	Reason for failure.
reason [type failedUpdateUserRolesDataType]	Reason for failure.
reason [type StatusInfoType]	Gives reason for partial failure or failure.
recordRefNo [type correlationDataType]	
region [type accountQueryParametersType]	Region.
region [type addressDataType]	Address region.
relateAccountsRequest	A **relateAccountsRequest** message contains an element of relateAccountsRequestType.
relateAccountsResponse	A **relateAccountsResponse** message contains an element of relateAccountsResponseType.
relatedAccount [type relateAccountsDataType]	Identifier of the account to relate to account defined in **accountToRelate**. See accountIdentifierType.
relatedAccount [type updateRelatedAccountsListType]	Array of account identifiers of related accounts. See accountIdentifierType.
relatedAccounts [type updateAcctDataType]	See updateRelatedAccountsListType.

Elements

Name	Description
responseData [type addDomainUserResponseType]	
responseData [type createAcctResponseType]	See createdAccountDataListType.
responseData [type createUserResponseType]	See createdUserDataListType.
responseData [type getAccountCountResponseType]	See getAccountCountResponseDataType.
responseData [type getAccountsQueryResponseType]	See getAccountsQueryResponseDataType.
responseData [type getParentAccountsResponseType]	See getAccountsQueryResponseDataType.
responseData [type getRelatedAccountsResponseType]	See getAccountsQueryResponseDataType.
responseData [type getSubAccountsResponseType]	See getAccountsQueryResponseDataType.
responseData [type getUserAccountsExpiryQueryResponseType]	See getUserAccountsExpiryQueryResponseDataType.
responseData [type getUserCountResponseType]	See getUserCountResponseDataType.
responseData [type getUserPermissionsResponseType]	See getUserPermissionsResponseDataType.
responseData [type getUsersQueryResponseType]	See getUsersQueryResponseDataType.
responseData [type updateDomainUserResponseType]	See updatedDomainUserDataListType
role [type createUserAccountRolesListType]	See roleIdentifierType.
role [type updateUserRolesAccountListType]	See roleIdentifierType.
role [type updateUserRolesListType]	See roleIdentifierType.
roleName [type userAccountRolesListType]	User's role name.
roles [type addDomainUserDataType]	
roles [type createUserAccountType]	See createUserAccountRolesListType.
roles [type updateDomainUserDataType]	
roles [type updateUserAccountRolesDataType]	See updateUserRolesListType.
roles [type updateUserAccountType]	See updateUserRolesAccountListType.
roles [type userAccountType]	See userAccountRolesListType.
roles [type userQueryParametersType]	See userAccountRolesListType.

Elements

Name	Description
searchType [type accountIdList]	Search criteria for one account ID would be: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS Search criteria would be EQUALS if more than one account ID is provided to retrieve user information.
searchType [type DateQueryType]	One of the following datedSearchType values: • BEFORE • AFTER • ON
searchType [type DateTimeQueryType]	One of the following datedSearchType values: • BEFORE • AFTER • ON
searchType [type NumberQueryType]	One of the following numberSearchType values: • GREATER_THAN • GREATER_THAN_EQUALS • LESS_THAN • LESS_THAN_EQUALS • EQUALS • NOT_EQUALS
searchType [type SimpleQueryType]	

Elements

Name	Description
searchType [type StateQueryType]	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
searchType [type VersionFormatQueryType]	One of the following **simpleSearchType** values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
shared [type createUserDataType]	Is this a shared login among several users?
shared [type updateUserDataType]	Is this a shared login among several users?
shared [type userDetailDataType]	Optional. Corresponds to the **Shared Login** control in the administrative console UI. The shared element can be true or false. • **true**—Shared Login is enabled for the user account. This is useful when the same user account is used to log in to FlexNet Operations simultaneously from different instances. Logged in history is not written to the database. • **false**—Shared Login is not enabled for the user account.
sortBy [type userSortBys]	

Elements

Name	Description

sortBys [type userQueryParametersType]	Enables producers who are building their own Web portal to sort columns. Only one sortBy parameter can be sent per request.
	Here is an example request:
	`<urn:sortBys>`
	`  <urn:sortBy>`
	`  <urn:sortKey>EMAIL</urn:sortKey>`
	`  <urn:ascending>false</urn:ascending>`
	`  </urn:sortBy>`
	`</urn:sortBys>`
	
	The following fields can be sorted:
	• ACCOUNT_NAME
	• ACCOUNT_ID
	• CAN_LOGIN
	• CITY
	• COUNTRY
	• DISPLAY_NAME
	• EMAIL
	• FIRST_NAME
	• ISACTIVE
	• LAST_MODIFIED
	• LAST_NAME
	• STATE

sortKey [type userSortBy]	
state [type accountQueryParametersType]	State.
state [type addressDataType]	State portion of address.
state [type createUserDataType]	State portion of address.
state [type updateUserDataType]	State portion of address.
state [type userDetailDataType]	State portion of address.
state [type userQueryParametersType]	State portion of address.
status [type addDomainUserDataType]	

Elements

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td>status [type createUserDataType]</td><td>Status can be one of the following values:
Active
Inactive</td></tr>
<tr><td>status [type StatusInfoType]</td><td>See StatusType.</td></tr>
<tr><td>status [type updateDomainUserDataType]</td><td></td></tr>
<tr><td>status [type updateUserDataType]</td><td>Status can be one of the following values:
Active
Inactive</td></tr>
<tr><td>status [type userDetailDataType]</td><td>Status can be one of the following values:
Active
Inactive</td></tr>
<tr><td>statusInfo [type addDomainUserResponseType]</td><td></td></tr>
<tr><td>statusInfo [type createAcctResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Elements

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td>statusInfo [type createUserResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
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<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>statusInfo [type deleteAccountResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>statusInfo [type deleteDomainUserResponseType]</td><td></td></tr>
</table>

Elements

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td>statusInfo [type deleteUserResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>statusInfo [type getAccountCountResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
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</table>

Elements

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td>statusInfo [type getAccountsQueryResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>statusInfo [type getParentAccountsResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Elements

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td>statusInfo [type getRelatedAccountsResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>statusInfo [type getSubAccountsResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
</table>

Elements

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td>statusInfo [type getUserAccountsExpiryQueryResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>statusInfo [type getUserCountResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
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Elements

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td>statusInfo [type getUserPermissionsResponseType]</td><td>
<table>
<tr><th>Element</th><th>Status Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>statusInfo [type getUsersQueryResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
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Elements

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td>statusInfo [type linkAccountsResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Descriptionik</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>statusInfo [type relateAccountsResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
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Elements

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td>statusInfo [type updateAccountResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>statusInfo [type updateDomainUserResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
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Elements

<table>
<tr><th>Name</th><th>Description</th></tr>
<tr><td>statusInfo [type updateUserResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
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<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>statusInfo [type updateUserRolesResponseType]</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>street [type createUserDataType]</td><td>Street portion of address.</td></tr>
<tr><td>street [type updateUserDataType]</td><td>Street portion of address.</td></tr>
<tr><td>street [type userDetailDataType]</td><td>Street portion of address.</td></tr>
<tr><td>street [type userQueryParametersType]</td><td>Street portion of address.</td></tr>
<tr><td>stringValue [type acctCustomAttributeQueryType]</td><td>A string to match part or all of the custom attribute value.</td></tr>
<tr><td>stringValue [type attributeDescriptorType]</td><td>String value of the attribute.</td></tr>
</table>

Elements

Name	Description

stringValue [type customAttributeQueryType]	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**.
	A **stringValue** element contains:
	• **value**—a string to match part or all of the custom attribute value.
	• **searchType**—one of the following simpleSearchType values:
	  • STARTS_WITH
	  • CONTAINS
	  • ENDS_WITH
	  • EQUALS

stringValue [type userCustomAttributeQueryType]	Value of the custom attribute.
subAccount [type updateSubAccountsListType]	Array of account identifiers of subaccounts. See accountIdentifierType.
subAccounts [type updateAcctDataType]	See updateSubAccountsListType.
subAcct [type linkAccountsDataType]	Identifiery of the subaccount. See accountIdentifierType.
timeZone [type addDomainUserDataType]	
timezone [type createUserDataType]	Optional. Provide time zone setting in one of the following formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string and the time zone string is displayed when a user is retrieved.
timeZone [type updateDomainUserDataType]	
timezone [type updateUserDataType]	Optional. Provide time zone setting in one of the following formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string and the time zone string is displayed when a user is retrieved.

Elements

Name	Description
timezone [type userDetailDataType]	Optional. Provide time zone setting in one of the followig formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string, and the time zone string is displayed when a user is retrieved.
uniqueId [type accountIdentifierTypeUser]	
uniqueId [type correlationDataType]	
uniqueId [type domainUserIdentifierType]	
uniqueId [type entitlementIdentifierType]	Unique database identifier of the entitlement.
uniqueId [type entitlementLineItemIdentifierType]	Unique database identifier of the entitlement line item.
uniqueId [type featureBundleIdentifierType]	Unique database identifier of the feature bundle.
uniqueId [type featureIdentifierType]	Unique database identifier of the feature.
uniqueId [type fulfillmentIdentifierType]	Unique database identifier of the fulfillment.
uniqueId [type licenseGeneratorIdentifierType]	Unique database identifier of the license generator configuration.
uniqueId [type licenseModelIdentifierType]	Unique database identifier of the license model.
uniqueId [type licenseTechnologyIdentifierType]	Unique database identifier of the license technology.
uniqueId [type maintenanceIdentifierType]	Unique database identifier of the maintenance product.
uniqueId [type partNumberIdentifierType]	Unique database identifier of the part number.
uniqueId [type partNumberIdentifierWithModelType]	Unique database identifier of the part number.
uniqueId [type productIdentifierType]	Unique database identifier of the product.
uniqueId [type roleIdentifierType]	Role ID.
uniqueId [type suiteIdentifierType]	Unique database identifier of the suite.
uniqueId [type trustedKeyIdentifierType]	Unique database identifier of the transaction key.
uniqueId [type userIdentifierType]	User’s unique ID.
updateAccountRequest	An **updateAccountRequest** message contains one or more elements of updateAccountRequestType.
updateAccountResponse	An **updateAccountResponse** message contains an element of updateAccountResponseType.
updateDomainUserRequest	

Elements

Name	Description
updateDomainUserResponse	
updateUserRequest	An **updateUserRequest** message contains an element of updateUserRequestType.
updateUserResponse	An **updateUserResponse** message contains an element of updateUserResponseType.
updateUserRolesRequest	An **updateUserRolesRequest** message contains an element of updateUserRolesRequestType.
updateUserRolesResponse	An **updateUserRolesResponse** message contains an element of updateUserRolesResponseType.
user [type addDomainUserRequestType]	
user [type addedDomainUserDataListType]	
user [type createdUserDataListType]	See userIdentifierType.
user [type createUserRequestType]	Required. See createUserDataType.
user [type deleteDomainUserRequestType]	
user [type deleteUserRequestType]	User to be deleted. See userIdentifierType.
user [type failedAddDomainUserDataType]	
user [type failedCreateUserDataType]	See createUserDataType.
user [type failedDeleteDomainUserDataType]	
user [type failedDeleteUserDataType]	See userIdentifierType.
user [type failedUpdateDomainUserDataType]	
user [type getUsersQueryResponseDataType]	See userDetailDataType.
user [type updatedDomainUserDataListType]	
user [type updateDomainUserRequestType]	
user [type updateUserDataType]	Identifies the user being updated. See userIdentifierType. Required. All other elements are optional.
user [type updateUserRolesDataType]	See userIdentifierType.
userAccountExpiryData [type getUserAccountsExpiryQueryResponseDataType]	See userAccountExpiryType.
userData [type failedUpdateUserDataType]	See updateUserDataType.
userData [type failedUpdateUserRolesDataType]	See updateUserRolesDataType.
userData [type updateUserRequestType]	User to be updated. See updateUserDataType.

Elements

Name	Description
userData [type updateUserRolesRequestType]	User to be updated. See updateUserRolesDataType.
userData [type userAccountExpiryType]	See userDetailDataType.
userId [type addDomainUserDataType]	
userIdentifier [type userDetailDataType]	See userIdentifierType.
userName [type createUserDataType]	User's FlexNet Operations login name. • If **canLogin** is set to false, this field is ignored. • if **canLogin** is set to true, this field is required. ***Important:*** *The user name must match the email address for the user. If the user name is set to something other than the user's email address, certain features such as accessing ESD components, may not be available.*
userName [type domainUserPKType]	
userName [type getUserPermissionsRequestType]	The username for which permissions will be retrieved.
userName [type getUserPermissionsResponseDataType]	The username from the input.
userName [type userIdentifierType]	User's FlexNet Operations login name.
userName [type userQueryParametersType]	User's FNO user name. • If **canLogin** is set to false, this fields is ignored. • If **canLogin** is set to true, this field is required.
usersFromLinkedAccount [type userQueryParametersType]	A query for a parent account ID with **usersFromLinkedAccount** set to **true** would return users from all sub-accounts that are directly linked to the parent account. The field is available for the getUsersQuery and getUsersCount operations.
validValues [type attributeMetaDescriptorType]	
value [type DateQueryType]	A date value to compare.
value [type DateTimeQueryType]	A date and time value to compare to the last modified date and time value. For example, 2011-05-04T22:00:00.
value [type NumberQueryType]	Number to match part or all of the attribute value.
value [type SimpleQueryType]	
value [type StateQueryType]	StateType value of TEST, DRAFT, DEPLOYED, INACTIVE, OBSOLETE to match part or all of the state value.
value [type valueType]	Valid values for a MULTI_VALUED_TEXT license model attribute.
value [type VersionFormatQueryType]	**VersionFormatType** of FIXED or DATE_BASED.
version [type featurePKType]	The **version** of the feature.
version [type maintenancePKType]	The **version** of the maintenance product.

Elements

Name	Description
version [type productPKType]	The **version** of the product.
version [type suitePKType]	The **version** of the suite.
versionOption [type versionDateAttributesType]	See VersionDateOptionType.
visible [type accountDataType]	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
visible [type accountDetailDataType]	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
visible [type updateAcctDataType]	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
zipcode [type accountQueryParametersType]	Postal code.
zipcode [type addressDataType]	Postal code.
zipcode [type createUserDataType]	Postal code.
zipcode [type updateUserDataType]	Postal code.
zipcode [type userDetailDataType]	Postal code.
zipcode [type userQueryParametersType]	Postal code.

Element: account [type accountDetailDataType]

Description

See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: account [type createAcctRequestType]

Description

See accountDataType.

Derived By

Type accountDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	1..1	Required. Displayed as **Account Identifier** (short account name) in the web interface.
name	string	1..1	Required. Displayed as **Account Name** (full account name) in the web interface.
description	string	0..1	Optional. Description of the account.
address	addressDataType	0..1	Optional. Account physical address. See addressDataType.
visible	boolean	0..1	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
accountType	AcctType	0..1	Optional. Defines the account type. Valid values: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this account. See attributeDescriptorDataType.

Referenced By

Name	Type
createAcctRequestType	Complex Type

Definition

See createAcctRequestType

Element: account [type createdAccountDataListType]

Description

See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
createdAccountDataListType	Complex Type

Definition

See createdAccountDataListType

Element: account [type createUserAccountType]

Description

See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
createUserAccountType	Complex Type

Definition

See createUserAccountType

Element: account [type deleteAcctDataType]

Description

Account identifier of parent account. See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
deleteAcctDataType	Complex Type

Definition

See deleteAcctDataType

Element: account [type failedCreateAcctDataType]

Description

See accountDataType.

Derived By

Type accountDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	1..1	Required. Displayed as **Account Identifier** (short account name) in the web interface.
name	string	1..1	Required. Displayed as **Account Name** (full account name) in the web interface.
description	string	0..1	Optional. Description of the account.
address	addressDataType	0..1	Optional. Account physical address. See addressDataType.
visible	boolean	0..1	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
accountType	AcctType	0..1	Optional. Defines the account type. Valid values: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this account. See attributeDescriptorDataType.

Referenced By

Name	Type
failedCreateAcctDataType	Complex Type

Definition

See failedCreateAcctDataType

Element: account [type getParentAccountsRequestType]

Description

See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
getParentAccountsRequestType	Complex Type

Definition

See getParentAccountsRequestType

Element: account [type getRelatedAccountsRequestType]

Description

See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
getRelatedAccountsRequestType	Complex Type

Definition

See getRelatedAccountsRequestType

Element: account [type getSubAccountsRequestType]

Description

See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
getSubAccountsRequestType	Complex Type

Definition

See getSubAccountsRequestType

Element: account [type updateAcctDataType]

Description

See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
updateAcctDataType	Complex Type

Definition

See updateAcctDataType

Element: account [type updateUserAccountRolesDataType]

Description

See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
updateUserAccountRolesDataType	Complex Type

Definition

See updateUserAccountRolesDataType

Element: account [type updateUserAccountType]

Description

See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
updateUserAccountType	Complex Type

Definition

See updateUserAccountType

Element: account [type userAccountType]

Description

See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
userAccountType	Complex Type

Definition

See userAccountType

Element: accountExpiryData [type userAccountExpiryType]

Description

See accountExpiryType.

Derived By

Type accountExpiryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountID	string	1..1	Required. The ID of the account. If not provided, the following error message displays: User details cannot be fetched without account Id.
expiryDate	date	1..1	The date the user's access to an account expires.

Referenced By

Name	Type
userAccountExpiryType	Complex Type

Definition

See userAccountExpiryType

Element: accountID [type accountExpiryType]

Description

Required. The ID of the account. If not provided, the following error message displays:

User details cannot be fetched without account Id.

Derived By

Type string

Referenced By

Name	Type
accountExpiryType	Complex Type

Definition

See accountExpiryType

Element: accountID [type accountIds]

Description

Provide up to 10 account IDs to retrieve user information from multiple accounts.

Derived By

Type string

Referenced By

Name	Type
accountIds	Complex Type

Definition

See accountIds

Element: accountID [type accountQueryParametersType]

Description

Account ID.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: accountID [type accountUserExpiryQueryParametersType]

Description

Required. The ID of the account. If not provided, the following error message displays:

User details cannot be fetched without account Id.

Derived By

Type string

Referenced By

Name	Type
accountUserExpiryQueryParametersType	Complex Type

Definition

See accountUserExpiryQueryParametersType

Element: accountIdList [type userQueryParametersType]

Description

Use to retrieve user information for multiple accounts using a single API call. To retrieve information for multiple accounts, specify up to 10 account IDs using the getUsersQuery API request.

Derived By

Type accountIdList

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountIds	accountIds	1..1	Provide the account IDs for which you want to retrieve user information. The configuration option **Number of accounts and associated user information to retrieve via SOAP API** limits the number of accounts that can be specified. Default = 10.
searchType	simpleSearchType	1..1	Search criteria for one account ID would be: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS Search criteria would be EQUALS if more than one account ID is provided to retrieve user information.

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: accountIds [type accountIdList]

Description

Provide the account IDs for which you want to retrieve user information.

The configuration option **Number of accounts and associated user information to retrieve via SOAP API** limits the number of accounts that can be specified. Default = 10.

Derived By

Type accountIds

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountID	string	0..10	Provide up to 10 account IDs to retrieve user information from multiple accounts.

Referenced By

Name	Type
accountIdList	Complex Type

Definition

See accountIdList

Element: accountName [type accountQueryParametersType]

Description

Account name.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: accountName [type userQueryParametersType]

Description

Display name of any account to which the user belongs.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: accountRoles [type updateUserRolesDataType]

Description

See updateUserAccountRolesDataType.

Derived By

Type updateUserAccountRolesDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
roles	updateUserRolesListType	1..1	See updateUserRolesListType.

Referenced By

Name	Type
updateUserRolesDataType	Complex Type

Definition

See updateUserRolesDataType

Element: accountRolesList [type userDetailDataType]

Description

List of the user's roles. See userAccountsListType.

Derived By

Type userAccountsListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctRoles	userAccountType	0..*	See userAccountType.

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: accountToRelate [type relateAccountsDataType]

Description

Identifier of the account for which you want to define a channel partner relationship. See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
relateAccountsDataType	Complex Type

Definition

See relateAccountsDataType

Element: accountType [type accountDataType]

Description

Optional. Defines the account type. Valid values:

- CUSTOMER
- PUBLISHER
- CHANNEL_PARTNER

Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)

Derived By

Type AcctType

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Referenced By

Name	Type
accountDataType	Complex Type

Definition

See accountDataType

Element: accountType [type accountDetailDataType]

Description

Optional. Defines the account type. **accountType** can be:

- CUSTOMER
- PUBLISHER
- CHANNEL_PARTNER.

Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)

Derived By

Type AcctType

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: accountType [type accountQueryParametersType]

Description

Optional. Defines the account type. **accountType** can be:

- CUSTOMER
- PUBLISHER
- CHANNEL_PARTNER

Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)

Derived By

Type AcctType

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: accountType [type accountTypeList]

Derived By

Type accountType

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Referenced By

Name	Type
accountTypeList	Complex Type

Definition

See accountTypeList

Element: accountType [type accountUserExpiryQueryParametersType]

Description

Optional. Defines the account type. **accountType** can be:

- CUSTOMER
- PUBLISHER
- CHANNEL_PARTNER
- SELF_REGISTERED

Default: CUSTOMER.

Derived By

Type AcctType

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Referenced By

Name	Type
accountUserExpiryQueryParametersType	Complex Type

Definition

See accountUserExpiryQueryParametersType

Element: accountType [type getUserPermissionsResponseDataType]

Description

The account type of the first account the user belongs to.

Derived By

Type string

Referenced By

Name	Type
getUserPermissionsResponseDataType	Complex Type

Definition

See getUserPermissionsResponseDataType

Element: accountType [type userQueryParametersType]

Description

Optional. Defines the account type. **accountType** can be:

- CUSTOMER
- PUBLISHER
- CHANNEL_PARTNER
- SELF_REGISTERED

Default: CUSTOMER.

Derived By

Type AcctType

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: accountTypeList [type accountQueryParametersType]

Description

See accountTypeList.

Derived By

Type AcctTypeList

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctType	AcctType	1..*	Optional. Defines the account type. **acctType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: acctData [type deleteAccountRequestType]

Description

Account to be deleted. See deleteAcctDataType.

Derived By

Type deleteAcctDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	Account identifier of parent account. See accountIdentifierType.
deleteSubTree	boolean	0..1	If true, deletes the entire account subtree as well. (Default value is true.)

Referenced By

Name	Type
deleteAccountRequestType	Complex Type

Definition

See deleteAccountRequestType

Element: acctData [type failedDeleteAcctDataType]

Description

See deleteAcctDataType.

Derived By

Type deleteAcctDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	Account identifier of parent account. See accountIdentifierType.
deleteSubTree	boolean	0..1	If true, deletes the entire account subtree as well. (Default value is true.)

Referenced By

Name	Type
failedDeleteAcctDataType	Complex Type

Definition

See failedDeleteAcctDataType

Element: acctData [type failedLinkAcctDataType]

Description

See linkAccountsDataType.

Derived By

Type linkAccountsDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
parentAcct	accountIdentifierTypeUser	1..1	Identifier of the parent account. See accountIdentifierType.
subAcct	accountIdentifierTypeUser	1..1	Identifiery of the subaccount. See accountIdentifierType.

Referenced By

Name	Type
failedLinkAcctDataType	Complex Type

Definition

See failedLinkAcctDataType

Element: acctData [type failedRelateAccountsDataType]

Description

See relateAccountsDataType.

Derived By

Type relateAccountsDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountToRelate	accountIdentifierTypeUser	1..1	Identifier of the account for which you want to define a channel partner relationship. See accountIdentifierType.
relatedAccount	accountIdentifierTypeUser	1..1	Identifier of the account to relate to account defined in **accountToRelate**. See accountIdentifierType.

Referenced By

Name	Type
failedRelateAccountsDataType	Complex Type

Definition

See failedRelateAccountsDataType

Element: acctData [type failedUpdateAcctDataType]

Description

See updateAcctDataType.

Derived By

Type updateAcctDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
id	string	0..1	Account identifier (short account name) of the account.
name	string	0..1	Account name (full account name) of the account.
description	string	0..1	Description of the account.
address	addressDataType	0..1	Account physical address. See addressDataType.
subAccounts	updateSubAccountsListType	0..1	See updateSubAccountsListType.
relatedAccounts	updateRelatedAccountsListType	0..1	See updateRelatedAccountsListType.
visible	boolean	0..1	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
customAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Referenced By

Name	Type
failedUpdateAcctDataType	Complex Type

Definition

See failedUpdateAcctDataType

Element: acctData [type getAccountsQueryResponseDataType]

Description

See accountDetailDataType.

Derived By

Type accountDetailDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
name	string	1..1	The account name.
description	string	0..1	Account description.
address	addressDataType	0..1	Account physical address. See addressDataType.
visible	boolean	0..1	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
accountType	AcctType	0..1	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER. Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
customAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
dateLastModified	dateTime	0..1	Timestamp representing the last time the account was modified.
createdDate	dateTime	0..1	Timestamp representing the date the account was created.
createdBy	string	0..1	Name of the user who created the account.
lastModifiedBy	string	0..1	Name of the user who last modified the account.

Referenced By

Name	Type
getAccountsQueryResponseDataType	Complex Type

Definition

See getAccountsQueryResponseDataType

Element: acctData [type linkAccountsRequestType]

Description

Required. A link between exactly one root account and exactly one subaccount is expressed as an **acctData** element. A hierarchy with multiple root accounts or multiple sub accounts is constructed link by link with multiple **acctData** elements in a request. See linkAccountsDataType.

Derived By

Type linkAccountsDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
parentAcct	accountIdentifierTypeUser	1..1	Identifier of the parent account. See accountIdentifierType.
subAcct	accountIdentifierTypeUser	1..1	Identifiery of the subaccount. See accountIdentifierType.

Referenced By

Name	Type
linkAccountsRequestType	Complex Type

Definition

See linkAccountsRequestType

Element: acctData [type relateAccountsRequestType]

Description

Required. A relationship between two accounts is expressed as an **acctData** element. The accounts can be two CHANNEL_PARTNER accounts or a CHANNEL_PARTNER account and a CUSTOMER account. See relateAccountsDataType.

Derived By

Type relateAccountsDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountToRelate	accountIdentifierTypeUser	1..1	Identifier of the account for which you want to define a channel partner relationship. See accountIdentifierType.
relatedAccount	accountIdentifierTypeUser	1..1	Identifier of the account to relate to account defined in **accountToRelate**. See accountIdentifierType.

Referenced By

Name	Type
relateAccountsRequestType	Complex Type

Definition

See relateAccountsRequestType

Element: acctData [type updateAccountRequestType]

Description

Account to be updated. See updateAcctDataType.

Derived By

Type updateAcctDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
id	string	0..1	Account identifier (short account name) of the account.
name	string	0..1	Account name (full account name) of the account.
description	string	0..1	Description of the account.
address	addressDataType	0..1	Account physical address. See addressDataType.
subAccounts	updateSubAccountsListType	0..1	See updateSubAccountsListType.
relatedAccounts	updateRelatedAccountsListType	0..1	See updateRelatedAccountsListType.
visible	boolean	0..1	Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.
customAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.

Referenced By

Name	Type
updateAccountRequestType	Complex Type

Definition

See updateAccountRequestType

Element: acctRoles [type createUserAccountsListType]

Description

See createUserAccountType.

Derived By

Type createUserAccountType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
expiryDate	date	0..1	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. If not included, the user's access to the account will not expire. **Note:** If the **Enable User Expiration** is not selected in the FlexNet Operations system configuration, the following error message will result: User Account Expiration Configuration is Disabled.
roles	createUserAccountRolesListType	0..1	See createUserAccountRolesListType.

Referenced By

Name	Type
createUserAccountsListType	Complex Type

Definition

See createUserAccountsListType

Element: acctRoles [type updateUserAccountsListType]

Description

List of account identifiers and roles. See updateUserAccountType.

Derived By

Type updateUserAccountType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
expiryDate	date	0..1	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. If not included, there will be no change to the user's existing expiration date setting. **Note 1:** Because the field cannot contain a null value, to clear a previously set expiration date for a user, you must edit the **Expiry date** field for the user in the FlexNet Operations Producer Portal. Alternatively, using the web services, the expiration date can be set to far enough in the future that it, in effect, never expires. **Note 2:** If the **Enable User Expiration** is not selected in the FlexNet Operations system configuration, the following error message will result: User Account Expiration Configuration is Disabled.
roles	updateUserRolesAccountListType	0..1	See updateUserRolesAccountListType.

Referenced By

Name	Type
updateUserAccountsListType	Complex Type

Definition

See updateUserAccountsListType

Element: acctRoles [type userAccountsListType]

Description

See userAccountType.

Derived By

Type userAccountType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.
roles	userAccountRolesListType	0..1	See userAccountRolesListType.

Referenced By

Name	Type
userAccountsListType	Complex Type

Definition

See userAccountsListType

Element: acctRolesList [type createUserDataType]

Description

Required. Set user's account and list of the user's roles. User name and roles are required if the user can log in. See createUserAccountsListType.

Derived By

Type createUserAccountsListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctRoles	createUserAccountType	1..*	See createUserAccountType.

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: acctRolesList [type updateUserDataType]

Description

List of the user's roles. See updateUserAccountsListType.

Derived By

Type updateUserAccountsListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctRoles	updateUserAccountType	1..*	List of account identifiers and roles. See updateUserAccountType.
opType	CollectionOperationType	1..1	Type of operation performed on the user's accounts and roles. • **ADD**—add the user to the account. • **REPLACE**—replace all current links to accounts. Unlike in the Admin Console, it is possible to replace a link from one type of account to another type. • **DELETE**—remove the link between the user and account, only if the user is linked to another account.

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: acctType [type AcctTypeList]

Description

Optional. Defines the account type. **acctType** can be:

- CUSTOMER
- PUBLISHER
- CHANNEL_PARTNER
- SELF_REGISTERED

Default: CUSTOMER.

Derived By

Type AcctType

Enumeration

Value	Description
CUSTOMER	
PUBLISHER	
CHANNEL_PARTNER	
SELF_REGISTERED	

Referenced By

Name	Type
AcctTypeList	Complex Type

Definition

See AcctTypeList

Element: activationId [type entitlementLineItemPKType]

Description

The activationId of the entitlement line item.

Derived By

Type string

Referenced By

Name	Type
entitlementLineItemPKType	Complex Type

Definition

See entitlementLineItemPKType

Element: addDomainUserRequest

Derived By

Type addDomainUserRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	addDomainUserDataType	1..*	

Referenced By

Name	Type
addDomainUsers	Method

Element: addDomainUserResponse

Derived By

Type addDomainUserResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	
failedData	failedAddDomainUserDataListType	0..1	
responseData	addedDomainUserDataListType	0..1	

Referenced By

Name	Type
addDomainUsers	Method

Element: address [type accountDataType]

Description

Optional. Account physical address. See addressDataType.

Derived By

Type addressDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
address1	string	0..1	First line of address.
address2	string	0..1	Second line of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Country, in two-letter ISO-3166 code. If not provided, defaults to US.
region	string	0..1	Address region.

Referenced By

Name	Type
accountDataType	Complex Type

Definition

See accountDataType

Element: address [type accountDetailDataType]

Description

Account physical address. See addressDataType.

Derived By

Type addressDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
address1	string	0..1	First line of address.
address2	string	0..1	Second line of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Country, in two-letter ISO-3166 code. If not provided, defaults to US.
region	string	0..1	Address region.

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: address [type updateAcctDataType]

Description

Account physical address. See addressDataType.

Derived By

Type addressDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
address1	string	0..1	First line of address.
address2	string	0..1	Second line of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Country, in two-letter ISO-3166 code. If not provided, defaults to US.
region	string	0..1	Address region.

Referenced By

Name	Type
updateAcctDataType	Complex Type

Definition

See updateAcctDataType

Element: address1 [type accountQueryParametersType]

Description

First line of address.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: address1 [type addressDataType]

Description

First line of address.

Derived By

Type string

Referenced By

Name	Type
addressDataType	Complex Type

Definition

See addressDataType

Element: address2 [type accountQueryParametersType]

Description

Second line of address.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: address2 [type addressDataType]

Description

Second line of address.

Derived By

Type string

Referenced By

Name	Type
addressDataType	Complex Type

Definition

See addressDataType

Element: arrayValue [type attributeDescriptorType]

Description

Array of string values of the attribute.

Derived By

Type string

Referenced By

Name	Type
attributeDescriptorType	Complex Type

Definition

See attributeDescriptorType

Element: ascending [type userSortBy]

Derived By

Type boolean

Referenced By

Name	Type
userSortBy	Complex Type

Definition

See userSortBy

Element: attribute [type acctCustomAttributesQueryListType]

Description

See acctCustomAttributeQueryType.

Derived By

Type acctCustomAttributeQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the custom attribute.
stringValue	SimpleQueryType	0..1	A string to match part or all of the custom attribute value.

Referenced By

Name	Type
acctCustomAttributesQueryListType	Complex Type

Definition

See acctCustomAttributesQueryListType

Element: attribute [type attributeDescriptorDataType]

Description

attribute contains a required string **attributeName** and one attributeDescriptorType.

Derived By

Type attributeDescriptorType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the attribute.
CHOICE		1..1	
arrayValue	string	0..*	Array of string values of the attribute.
booleanValue	boolean	0..1	Boolean value of the attribute.
dateValue	date	0..1	Date value of the attribute.
integerValue	integer	0..1	Integer value of the attribute.
stringValue	string	0..1	String value of the attribute.

Referenced By

Name	Type
attributeDescriptorDataType	Complex Type

Definition

See attributeDescriptorDataType

Element: attribute [type attributeMetaDescriptorDataType]

Derived By

Type attributeMetaDescriptorType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	
attributeDataType	AttributeDataType	1..1	
namespace	string	1..1	
validValues	valueType	0..1	

Referenced By

Name	Type
attributeMetaDescriptorDataType	Complex Type

Definition

See attributeMetaDescriptorDataType

Element: attribute [type customAttributeDescriptorDataType]

Derived By

Type customAttributeDescriptorType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	

Referenced By

Name	Type
customAttributeDescriptorDataType	Complex Type

Definition

See customAttributeDescriptorDataType

Element: attribute [type customAttributesQueryListType]

Description

See customAttributeQueryType.

Derived By

Type customAttributeQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	The name of the custom attribute.
CHOICE		1..1	
booleanValue	boolean	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**. Set to true or false if the custom attribute is of type boolean.

dateValue	DateQueryType	0..1	Optional. A **dateValue** element contains:
			• **value**—a date value to compare to the version date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description

numberValue	NumberQueryType	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**.
			A **numberValue** element contains:
			• **value**—an integer number to match part or all of the custom attribute value.
			• **searchType**—one of the following simpleSearchType values:
			  • GREATER_THAN
			  • GREATER_THAN_EQUALS
			  • LESS_THAN
			  • LESS_THAN_EQUALS
			  • EQUALS
			  • NOT_EQUALS

stringValue	SimpleQueryType	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**.
			A **stringValue** element contains:
			• **value**—a string to match part or all of the custom attribute value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Referenced By

Name	Type
customAttributesQueryListType	Complex Type

Definition

See customAttributesQueryListType

Element: attribute [type userCustomAttributesQueryListType]

Description

See userCustomAttributeQueryType.

Derived By

Type userCustomAttributeQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the custom attribute.
stringValue	SimpleQueryType	0..1	Value of the custom attribute.

Referenced By

Name	Type
userCustomAttributesQueryListType	Complex Type

Definition

See userCustomAttributesQueryListType

Element: attributeDataType [type attributeMetaDescriptorType]

Derived By

Type AttributeDataType

Enumeration

Value	Description
TEXT	
BOOLEAN	
NUMBER	
DATE	
MULTI_VALUED_TEXT	
LONGTEXT	

Referenced By

Name	Type
attributeMetaDescriptorType	Complex Type

Definition

See attributeMetaDescriptorType

Element: attributeName [type acctCustomAttributeQueryType]

Description

Name of the custom attribute.

Derived By

Type string

Referenced By

Name	Type
acctCustomAttributeQueryType	Complex Type

Definition

See acctCustomAttributeQueryType

Element: attributeName [type attributeDescriptorType]

Description

Name of the attribute.

Derived By

Type string

Referenced By

Name	Type
attributeDescriptorType	Complex Type

Definition

See attributeDescriptorType

Element: attributeName [type attributeMetaDescriptorType]

Derived By

Type string

Referenced By

Name	Type
attributeMetaDescriptorType	Complex Type

Definition

See attributeMetaDescriptorType

Element: attributeName [type customAttributeDescriptorType]

Derived By

Type string

Referenced By

Name	Type
customAttributeDescriptorType	Complex Type

Definition

See customAttributeDescriptorType

Element: attributeName [type customAttributeQueryType]

Description

The name of the custom attribute.

Derived By

Type string

Referenced By

Name	Type
customAttributeQueryType	Complex Type

Definition

See customAttributeQueryType

Element: attributeName [type userCustomAttributeQueryType]

Description

Name of the custom attribute.

Derived By

Type string

Referenced By

Name	Type
userCustomAttributeQueryType	Complex Type

Definition

See userCustomAttributeQueryType

Element: batchSize [type getAccountsQueryRequestType]

Description

Required. Maximum number of records to return in the response.

Derived By

Type integer

Referenced By

Name	Type
getAccountsQueryRequestType	Complex Type

Definition

See getAccountsQueryRequestType

Element: batchSize [type getUserAccountsExpiryQueryRequestType]

Description

Required. Maximum number of records to return in the response.

Derived By

Type integer

Referenced By

Name	Type
getUserAccountsExpiryQueryRequestType	Complex Type

Definition

See getUserAccountsExpiryQueryRequestType

Element: batchSize [type getUsersQueryRequestType]

Description

Required. Maximum number of records to return in the response.

Derived By

Type integer

Referenced By

Name	Type
getUsersQueryRequestType	Complex Type

Definition

See getUsersQueryRequestType

Element: booleanValue [type attributeDescriptorType]

Description

Boolean value of the attribute.

Derived By

Type boolean

Referenced By

Name	Type
attributeDescriptorType	Complex Type

Definition

See attributeDescriptorType

Element: booleanValue [type customAttributeQueryType]

Description

Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**. Set to true or false if the custom attribute is of type boolean.

Derived By

Type boolean

Referenced By

Name	Type
customAttributeQueryType	Complex Type

Definition

See customAttributeQueryType

Element: canLogin [type createUserDataType]

Description

Can the user log in? If not, user information is kept only for contact purposes.

Derived By

Type boolean

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: canLogIn [type userQueryParametersType]

Description

Can the user log in? If not, user information is kept only for contact purposes.

Derived By

Type boolean

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: city [type accountQueryParametersType]

Description

City.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: city [type addressDataType]

Description

City portion of address.

Derived By

Type string

Referenced By

Name	Type
addressDataType	Complex Type

Definition

See addressDataType

Element: city [type createUserDataType]

Description

City portion of address.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: city [type updateUserDataType]

Description

City portion of address.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: city [type userDetailDataType]

Description

City portion of address.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: city [type userQueryParametersType]

Description

City portion of address.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: count [type getAccountCountResponseDataType]

Description

Number of matching accounts.

Derived By

Type integer

Referenced By

Name	Type
getAccountCountResponseDataType	Complex Type

Definition

See getAccountCountResponseDataType

Element: count [type getCountResponseDataType]

Description

A count element.

Derived By

Type integer

Referenced By

Name	Type
getCountResponseDataType	Complex Type

Definition

See getCountResponseDataType

Element: count [type getUserCountResponseDataType]

Description

Number of matching users.

Derived By

Type integer

Referenced By

Name	Type
getUserCountResponseDataType	Complex Type

Definition

See getUserCountResponseDataType

Element: count [type productIdentifierWithCountDataType]

Description

Required. Positive integer that indicates the cardinality of the product in the suite.

Derived By

Type positiveInteger

Restrictions

- The value must be greater than or equal to 1.

Referenced By

Name	Type
productIdentifierWithCountDataType	Complex Type

Definition

See productIdentifierWithCountDataType

Element: country [type accountQueryParametersType]

Description

Two letter country code.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: country [type addressDataType]

Description

Country, in two-letter ISO-3166 code. If not provided, defaults to US.

Derived By

Type string

Referenced By

Name	Type
addressDataType	Complex Type

Definition

See addressDataType

Element: country [type createUserDataType]

Description

Two-letter country code.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: country [type updateUserDataType]

Description

Optional. Country in which contact is located. Provide country in the two-character ISO-3166 format.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: country [type userDetailDataType]

Description

Country in which contact is located. Provide country in the two-character ISO-3166 format.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: country [type userQueryParametersType]

Description

Country in which contact is located. Provide country in the two-character ISO-3166 format.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: createAcctRequest

Description

A **createAcctRequest** message contains an element of createAcctRequestType.

Derived By

Type createAcctRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountDataType	1..*	See accountDataType.
opType	CreateOrUpdateOperationType	0..1	Specifies how FlexNet Operations behaves when creating accounts. For details, see CreateOrUpdateOperationType. If no **opType** is set, FlexNet Operations creates the specified account unless the account already exists. When the account already exists, the operation fails.

Referenced By

Name	Type
createAccount	Method

XML Example

The following XML fragment illustrates a **createAcctRequest** message:

```
<createAcctRequest>
    <account>
        <name>ACME-ENG</name>
        <id>ACME Engineering</id>
        <description>ACME Engineering Acccount</description>
         <address>
            <address1>1234 Main Street</address1>
            <address2>Suite B</address2>
            <city>New York</city>
            <state>NY</state>
            <zipcode>12345</zipcode>
            <country>US</country>
            <region>North America</region>
        </address>
    </account>
</createAcctRequest>
```

Element: createAcctResponse

Description

A **createAcctResponse** message contains an element of createAcctResponseType.

Derived By

Type createAcctResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedCreateAcctDataListType</td><td>0..1</td><td>See failedCreateAcctDataListType.</td></tr>
<tr><td>responseData</td><td>createdAccountDataListType</td><td>0..1</td><td>See createdAccountDataListType.</td></tr>
</table>

Referenced By

Name	Type
createAccount	Method

XML Example

The following XML fragment illustrates a successful **createAcctResponse** message:

```
<createAcctResponse>
    <statusInfo>
      <status>SUCCESS</status>
    </statusInfo>
    <responseData>
      <account>
        <uniqueId>HID-20194</uniqueId>
        <primaryKeys>
          <id>ACME-ENG</id>
        </primaryKeys>
      </account>
    </responseData>
  </createAcctResponse>
```

Element: createdBy [type accountDetailDataType]

Description

Name of the user who created the account.

Derived By

Type string

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: createdBy [type userDetailDataType]

Description

Name of the user who created the user account.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: createdDate [type accountDetailDataType]

Description

Timestamp representing the date the account was created.

Derived By

Type dateTime

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: createUserRequest

Description

A **createUserRequest** message contains an element of createUserRequestType.

Derived By

Type createUserRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	createUserDataType	1..*	Required. See createUserDataType.
opType	CreateOrUpdateOperationType	0..1	Specifies how FlexNet Operations behaves when creating users. For details, see CreateOrUpdateOperationType. • If no **opType** is set, FlexNet Operations creates the specified user unless the user or contact already exists. When the user or contact already exists, the operation fails. • If the user does not exist and the **opType** is set to either **CREATE_OR_UPDATE** or **CREATE_OR_IGNORE**, the operation will succeed unless the existing contact already belongs to another user. If the contact exists but does not belong to another user, it will create the user and update the contact with the new user. • If both the user and contact exist and the **opType** is set to **CREATE_OR_UPDATE**, the request will update the contact. • If both the user and contact exist and the **opType** is set to **CREATE_OR_IGNORE**, the request will not update the contact.

Referenced By

Name	Type
createUser	Method

XML Example

The following XML fragment illustrates a **createUserRequest** message:

```
<createUserRequest>
    <user>
        <firstName>John</firstName>
        <lastName>Smith</lastName>
        <displayName>John Smith</displayName>
        <emailAddress>jsmith@example.com</emailAddress>
        <optIn>false</optIn>
        <phoneNumber>408-123-4567</phoneNumber>
        <faxNumber>408-123-7654</faxNumber>
        <street>1234 Main Street</street>
        <city>San Francisco</city>
        <state>CA</state>
        <zipcode>12345</zipcode>
        <country>US</country>
        <locale>en_US</locale>
        <canLogin>1</canLogin>
        <userName>jsmith@example.com</userName>
        <status>Active</status>
        <timezone>GMT-11.0DST0</timezone>
        <shared>false</shared>
        <acctRolesList>
            <acctRoles>
                <account>
                    <primaryKeys>
                        <id>ACME</id>
                    </primaryKeys>
                </account>
                <expiryDate>2020-09-25</expiryDate>
                <roles>
                    <role>
                        <primaryKeys>
                            <name>Portal User Role</name>
                        </primaryKeys>
                    </role>
                </roles>
            </acctRoles>
            <acctRoles>
                <account>
                    <primaryKeys>
                        <id>Delta</id>
                    </primaryKeys>
                </account>
                <roles>
                    <role>
                        <primaryKeys>
                            <name>Portal User Role</name>
                        </primaryKeys>
                    </role>
                </roles>
            </acctRoles>
        </acctRolesList>
        <customAttributes>
            <attribute>
                <attributeName>NO_OF_OTHER_PRODUCTS<attributeName>
                <integerValue>1</integerValue>
            </attribute>
        </customAttributes>
    </user>
</createUserRequest>
```

Element: createUserResponse

Description

A **createUserResponse** message contains an element of createUserResponseType.

Derived By

Type createUserResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedCreateUserDataListType</td><td>0..1</td><td>See failedCreateUserDataListType.</td></tr>
<tr><td>responseData</td><td>createdUserDataListType</td><td>0..1</td><td>See createdUserDataListType.</td></tr>
</table>

Referenced By

Name	Type
createUser	Method

XML Example

The following XML fragment illustrates a successful **createUserResponse** message:

```
<createUserResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
    <responseData>
        <user>
            <uniqueId>HID-20204</uniqueId>
            <userName>jsmith@example.com</userName>
            <primaryKeys>
                <firstName>John</firstName>
                <lastName>Smith</lastName>
                <emailAddress>jsmith@example.com</emailAddress>
                <phoneNumber>408-123-4567</phoneNumber>
            </primaryKeys>
        </user>
    </responseData>
</createUserResponse>
```

Element: customAttributes [type accountDataType]

Description

Custom attributes attached to this account. See attributeDescriptorDataType.

Derived By

Type attributeDescriptorDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one attributeDescriptorType.

Referenced By

Name	Type
accountDataType	Complex Type

Definition

See accountDataType

Element: customAttributes [type accountDetailDataType]

Description

See attributeDescriptorDataType.

Derived By

Type attributeDescriptorDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one attributeDescriptorType.

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: customAttributes [type accountQueryParametersType]

Description

See acctCustomAttributesQueryListType.

Derived By

Type acctCustomAttributesQueryListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	acctCustomAttributeQueryType	0..*	See acctCustomAttributeQueryType.

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: customAttributes [type addDomainUserDataType]

Derived By

Type attributeDescriptorDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one attributeDescriptorType.

Referenced By

Name	Type
addDomainUserDataType	Complex Type

Definition

See addDomainUserDataType

Element: customAttributes [type createUserDataType]

Description

Custom attributes attached to this user. See attributeDescriptorDataType.

Derived By

Type attributeDescriptorDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one attributeDescriptorType.

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: customAttributes [type updateAcctDataType]

Description

See attributeDescriptorDataType.

Derived By

Type attributeDescriptorDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one attributeDescriptorType.

Referenced By

Name	Type
updateAcctDataType	Complex Type

Definition

See updateAcctDataType

Element: customAttributes [type updateDomainUserDataType]

Derived By

Type attributeDescriptorDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one attributeDescriptorType.

Referenced By

Name	Type
updateDomainUserDataType	Complex Type

Definition

See updateDomainUserDataType

Element: customAttributes [type updateUserDataType]

Description

Custom attributes attached to this user. See attributeDescriptorDataType.

Derived By

Type attributeDescriptorDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one attributeDescriptorType.

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: customAttributes [type userDetailDataType]

Description

Custom attributes attached to this user. See attributeDescriptorDataType.

Derived By

Type attributeDescriptorDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one attributeDescriptorType.

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: customAttributes [type userQueryParametersType]

Description

Custom attributes attached to this user. See userCustomAttributesQueryListType.

Derived By

Type userCustomAttributesQueryListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	userCustomAttributeQueryType	0..*	See userCustomAttributeQueryType.

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: dateCreated [type userDetailDataType]

Description

Date the user account was created.

Derived By

Type dateTime

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: dateLastLogin [type userDetailDataType]

Description

Date of user's last login.

Derived By

Type dateTime

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: dateLastModified [type accountDetailDataType]

Description

Timestamp representing the last time the account was modified.

Derived By

Type dateTime

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: dateLastModified [type userDetailDataType]

Description

Date the user account was last modified.

Derived By

Type dateTime

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: dateValue [type attributeDescriptorType]

Description

Date value of the attribute.

Derived By

Type date

Referenced By

Name	Type
attributeDescriptorType	Complex Type

Definition

See attributeDescriptorType

Element: dateValue [type customAttributeQueryType]

Description

Optional. A **dateValue** element contains:

- **value**—a date value to compare to the version date value.
- **searchType**—one of the following datedSearchType values:
  - BEFORE
  - AFTER
  - ON

Derived By

Type DateQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	date	1..1	A date value to compare.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Referenced By

Name	Type
customAttributeQueryType	Complex Type

Definition

See customAttributeQueryType

Element: deleteAccountRequest

Description

A **deleteAccountRequest** message contains an element of deleteAccountRequestType.

Derived By

Type deleteAccountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	deleteAcctDataType	1..*	Account to be deleted. See deleteAcctDataType.

Referenced By

Name	Type
deleteAccount	Method

XML Example

The following XML fragment illustrates a **deleteAccountRequest** message:

```
<deleteAccountRequest>
    <account>
        <primaryKeys>
            <id>ACME-MARK</id>
        </primaryKeys>
    </account>
    <deleteSubTree>false</deleteSubTree>
</deleteAccountRequest>
```

Element: deleteAccountResponse

Description

A **deleteAccountResponse** message contains an element of deleteAccountResponseType.

Derived By

Type deleteAccountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteAcctDataListType</td><td>0..1</td><td>See failedDeleteAcctDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteAccount	Method

XML Example

The following XML fragment illustrates a successful **deleteAccountResponse** message:

```
<deleteAccountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteAccountResponse>
```

Element: deleteDomainUserRequest

Derived By

Type deleteDomainUserRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	domainUserIdentifierType	1..*	

Referenced By

Name	Type
deleteDomainUsers	Method

Element: deleteDomainUserResponse

Derived By

Type deleteDomainUserResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	
failedData	failedDeleteDomainUserDataListType	0..1	

Referenced By

Name	Type
deleteDomainUsers	Method

Element: deleteSubTree [type deleteAcctDataType]

Description

If true, deletes the entire account subtree as well. (Default value is true.)

Derived By

Type boolean

Referenced By

Name	Type
deleteAcctDataType	Complex Type

Definition

See deleteAcctDataType

Element: deleteUserRequest

Description

A **deleteUserRequest** message contains an element of deleteUserRequestType.

Derived By

Type deleteUserRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	forceDeleteUserIdentifierType	1..*	User to be deleted. See userIdentifierType.

Referenced By

Name	Type
deleteUser	Method

XML Example

The following XML fragment illustrates a **deleteUserRequest** message:

```
<deleteUserRequest>
    <user>
        <userName>jsmith@example.com</userName>
    </user>
</deleteUserRequest>
```

Element: deleteUserResponse

Description

A **deleteUserResponse** message contains an element of deleteUserResponseType.

Derived By

Type deleteUserResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedDeleteUserDataListType</td><td>0..1</td><td>See failedDeleteUserDataListType.</td></tr>
</table>

Referenced By

Name	Type
deleteUser	Method

XML Example

The following XML fragment illustrates a successful **deleteUserResponse** message:

```
<deleteUserResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteUserResponse>
```

Element: description [type accountDataType]

Description

Optional. Description of the account.

Derived By

Type string

Referenced By

Name	Type
accountDataType	Complex Type

Definition

See accountDataType

Element: description [type accountDetailDataType]

Description

Account description.

Derived By

Type string

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: description [type accountQueryParametersType]

Description

Account description.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: description [type updateAcctDataType]

Description

Description of the account.

Derived By

Type string

Referenced By

Name	Type
updateAcctDataType	Complex Type

Definition

See updateAcctDataType

Element: displayName [type createUserDataType]

Description

User's display name.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: displayName [type updateUserDataType]

Description

User's display name.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: displayName [type userDetailDataType]

Description

User's display name.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: displayName [type userQueryParametersType]

Description

User's display name.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: domain [type addDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
addDomainUserDataType	Complex Type

Definition

See addDomainUserDataType

Element: domain [type userDetailDataType]

Description

User's domain.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: domainName [type domainUserPKType]

Derived By

Type string

Referenced By

Name	Type
domainUserPKType	Complex Type

Definition

See domainUserPKType

Element: domainName [type getUserPermissionsRequestType]

Description

The previous username's domain.

Derived By

Type string

Referenced By

Name	Type
getUserPermissionsRequestType	Complex Type

Definition

See getUserPermissionsRequestType

Element: domainUser [type updateDomainUserDataType]

Derived By

Type domainUserIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
primaryKeys	domainUserPKType	0..1	

Referenced By

Name	Type
updateDomainUserDataType	Complex Type

Definition

See updateDomainUserDataType

Element: duration [type versionDateAttributesType]

Description

Optional. See DurationType.

Derived By

Type DurationType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Referenced By

Name	Type
versionDateAttributesType	Complex Type

Definition

See versionDateAttributesType

Element: durationUnit [type DurationType]

Description

Required. Specify one of the following units of time:

- DAYS
- WEEKS
- MONTHS
- YEARS

Derived By

Type DurationUnit

Enumeration

Value	Description
DAYS	
WEEKS	
MONTHS	
YEARS	

Referenced By

Name	Type
DurationType	Complex Type

Definition

See DurationType

Element: email [type updateDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
updateDomainUserDataType	Complex Type

Definition

See updateDomainUserDataType

Element: emailAddress [type createUserDataType]

Description

User's email address. Required.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: emailAddress [type updateUserDataType]

Description

User's email address.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: emailAddress [type userPKType]

Description

User's email address.

Derived By

Type string

Referenced By

Name	Type
userPKType	Complex Type

Definition

See userPKType

Element: emailAddress [type userQueryParametersType]

Description

User's email address.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: emailId [type emailContactListType]

Description

List of email addresses to which to send license certificate.

Derived By

Type string

Referenced By

Name	Type
emailContactListType	Complex Type

Definition

See emailContactListType

Element: entitledProduct [type entitledProductDataListType]

Description

See entitledProductDataType.

Derived By

Type entitledProductDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productIdentifierType	0..1	See productIdentifierType.
quantity	integer	1..1	Quantity per copy of the line item. This is a multiplier to the number of copies. If one copy of the line item is fulfilled, this many copies of the entitled product will be fulfilled.

Referenced By

Name	Type
entitledProductDataListType	Complex Type

Definition

See entitledProductDataListType

Element: entitledProducts [type updateEntitledProductDataListType]

Description

See entitledProductDataType.

Derived By

Type entitledProductDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productIdentifierType	0..1	See productIdentifierType.
quantity	integer	1..1	Quantity per copy of the line item. This is a multiplier to the number of copies. If one copy of the line item is fulfilled, this many copies of the entitled product will be fulfilled.

Referenced By

Name	Type
updateEntitledProductDataListType	Complex Type

Definition

See updateEntitledProductDataListType

Element: entitlementId [type entitlementPKType]

Description

The entitlement ID of the entitlement.

Derived By

Type string

Referenced By

Name	Type
entitlementPKType	Complex Type

Definition

See entitlementPKType

Element: expiryDate [type accountExpiryType]

Description

The date the user's access to an account expires.

Derived By

Type date

Referenced By

Name	Type
accountExpiryType	Complex Type

Definition

See accountExpiryType

Element: expiryDate [type accountUserExpiryQueryParametersType]

Description

See DateQueryType.

Derived By

Type DateQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	date	1..1	A date value to compare.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Referenced By

Name	Type
accountUserExpiryQueryParametersType	Complex Type

Definition

See accountUserExpiryQueryParametersType

Element: expiryDate [type createUserAccountType]

Description

Optional. Date the user is no longer linked to the account. If included, the value cannot be null. If not included, the user's access to the account will not expire.

Note: If the **Enable User Expiration** is not selected in the FlexNet Operations system configuration, the following error message will result:

User Account Expiration Configuration is Disabled.

Derived By

Type date

Referenced By

Name	Type
createUserAccountType	Complex Type

Definition

See createUserAccountType

Element: expiryDate [type updateUserAccountType]

Description

Optional. Date the user is no longer linked to the account. If included, the value cannot be null. If not included, there will be no change to the user's existing expiration date setting.

Note 1: Because the field cannot contain a null value, to clear a previously set expiration date for a user, you must edit the **Expiry date** field for the user in the FlexNet Operations Producer Portal. Alternatively, using the web services, the expiration date can be set to far enough in the future that it, in effect, never expires.

Note 2: If the **Enable User Expiration** is not selected in the FlexNet Operations system configuration, the following error message will result:

User Account Expiration Configuration is Disabled.

Derived By

Type date

Referenced By

Name	Type
updateUserAccountType	Complex Type

Definition

See updateUserAccountType

Element: expiryDate [type userDetailDataType]

Description

Optional. Date the user is no longer linked to the account. If included, the value cannot be null.

Note: Because the field cannot contain a null value, to clear the expiry date for a user, you must edit the Expiry date field for the user in the FlexNet Operations Producer Portal. Alternatively, using the web services, the expiry date can be set to far enough in the future that it, in effect, never expires.

Derived By

Type date

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: failedAccount [type failedUpdateAcctDataListType]

Description

See failedUpdateAcctDataType.

Derived By

Type failedUpdateAcctDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	updateAcctDataType	0..1	See updateAcctDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedUpdateAcctDataListType	Complex Type

Definition

See failedUpdateAcctDataListType

Element: failedAcct [type failedCreateAcctDataListType]

Description

See failedCreateAcctDataType.

Derived By

Type failedCreateAcctDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountDataType	0..1	See accountDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedCreateAcctDataListType	Complex Type

Definition

See failedCreateAcctDataListType

Element: failedAcct [type failedDeleteAcctDataListType]

Description

See failedDeleteAcctDataType.

Derived By

Type failedDeleteAcctDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	deleteAcctDataType	0..1	See deleteAcctDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedDeleteAcctDataListType	Complex Type

Definition

See failedDeleteAcctDataListType

Element: failedAcctData [type failedLinkAcctDataListType]

Description

See failedLinkAcctDataType,

Derived By

Type failedLinkAcctDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	linkAccountsDataType	0..1	See linkAccountsDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedLinkAcctDataListType	Complex Type

Definition

See failedLinkAcctDataListType

Element: failedAcctData [type failedRelateAccountsDataListType]

Description

See failedRelateAccountsDataType.

Derived By

Type failedRelateAccountsDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	relateAccountsDataType	0..1	See relateAccountsDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedRelateAccountsDataListType	Complex Type

Definition

See failedRelateAccountsDataListType

Element: failedData [type addDomainUserResponseType]

Derived By

Type failedAddDomainUserDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedAddDomainUserDataType	0..*	

Referenced By

Name	Type
addDomainUserResponseType	Complex Type

Definition

See addDomainUserResponseType

Element: failedData [type createAcctResponseType]

Description

See failedCreateAcctDataListType.

Derived By

Type failedCreateAcctDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedAcct	failedCreateAcctDataType	0..*	See failedCreateAcctDataType.

Referenced By

Name	Type
createAcctResponseType	Complex Type

Definition

See createAcctResponseType

Element: failedData [type createUserResponseType]

Description

See failedCreateUserDataListType.

Derived By

Type failedCreateUserDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedCreateUserDataType	0..*	See failedCreateUserDataType.

Referenced By

Name	Type
createUserResponseType	Complex Type

Definition

See createUserResponseType

Element: failedData [type deleteAccountResponseType]

Description

See failedDeleteAcctDataListType.

Derived By

Type failedDeleteAcctDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedAcct	failedDeleteAcctDataType	0..*	See failedDeleteAcctDataType.

Referenced By

Name	Type
deleteAccountResponseType	Complex Type

Definition

See deleteAccountResponseType

Element: failedData [type deleteDomainUserResponseType]

Derived By

Type failedDeleteDomainUserDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedDeleteDomainUserDataType	0..*	

Referenced By

Name	Type
deleteDomainUserResponseType	Complex Type

Definition

See deleteDomainUserResponseType

Element: failedData [type deleteUserResponseType]

Description

See failedDeleteUserDataListType.

Derived By

Type failedDeleteUserDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedDeleteUserDataType	0..*	See failedDeleteUserDataType.

Referenced By

Name	Type
deleteUserResponseType	Complex Type

Definition

See deleteUserResponseType

Element: failedData [type linkAccountsResponseType]

Description

See failedLinkAcctDataListType.

Derived By

Type failedLinkAcctDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedAcctData	failedLinkAcctDataType	0..*	See failedLinkAcctDataType,

Referenced By

Name	Type
linkAccountsResponseType	Complex Type

Definition

See linkAccountsResponseType

Element: failedData [type relateAccountsResponseType]

Description

See failedRelateAccountsDataListType.

Derived By

Type failedRelateAccountsDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedAcctData	failedRelateAccountsDataType	0..*	See failedRelateAccountsDataType.

Referenced By

Name	Type
relateAccountsResponseType	Complex Type

Definition

See relateAccountsResponseType

Element: failedData [type updateAccountResponseType]

Description

See failedUpdateAcctDataListType.

Derived By

Type failedUpdateAcctDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedAccount	failedUpdateAcctDataType	0..*	See failedUpdateAcctDataType.

Referenced By

Name	Type
updateAccountResponseType	Complex Type

Definition

See updateAccountResponseType

Element: failedData [type updateDomainUserResponseType]

Description

See failedUpdateDomainUserDataListType

Derived By

Type failedUpdateDomainUserDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedUpdateDomainUserDataType	0..*	

Referenced By

Name	Type
updateDomainUserResponseType	Complex Type

Definition

See updateDomainUserResponseType

Element: failedData [type updateUserResponseType]

Description

See failedUpdateUserDataListType.

Derived By

Type failedUpdateUserDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedUpdateUserDataType	0..*	See failedUpdateUserDataType.

Referenced By

Name	Type
updateUserResponseType	Complex Type

Definition

See updateUserResponseType

Element: failedData [type updateUserRolesResponseType]

Description

See failedUpdateUserRolesDataListType.

Derived By

Type failedUpdateUserRolesDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedUser	failedUpdateUserRolesDataType	0..*	See failedUpdateUserRolesDataType.

Referenced By

Name	Type
updateUserRolesResponseType	Complex Type

Definition

See updateUserRolesResponseType

Element: failedUser [type failedAddDomainUserDataListType]

Derived By

Type failedAddDomainUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	addDomainUserDataType	0..1	
reason	string	0..1	

Referenced By

Name	Type
failedAddDomainUserDataListType	Complex Type

Definition

See failedAddDomainUserDataListType

Element: failedUser [type failedCreateUserDataListType]

Description

See failedCreateUserDataType.

Derived By

Type failedCreateUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	createUserDataType	0..1	See createUserDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedCreateUserDataListType	Complex Type

Definition

See failedCreateUserDataListType

Element: failedUser [type failedDeleteDomainUserDataListType]

Derived By

Type failedDeleteDomainUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	domainUserIdentifierType	0..1	
reason	string	0..1	

Referenced By

Name	Type
failedDeleteDomainUserDataListType	Complex Type

Definition

See failedDeleteDomainUserDataListType

Element: failedUser [type failedDeleteUserDataListType]

Description

See failedDeleteUserDataType.

Derived By

Type failedDeleteUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	forceDeleteUserIdentifierType	0..1	See userIdentifierType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedDeleteUserDataListType	Complex Type

Definition

See failedDeleteUserDataListType

Element: failedUser [type failedUpdateDomainUserDataListType]

Derived By

Type failedUpdateDomainUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	updateDomainUserDataType	0..1	
reason	string	0..1	

Referenced By

Name	Type
failedUpdateDomainUserDataListType	Complex Type

Definition

See failedUpdateDomainUserDataListType

Element: failedUser [type failedUpdateUserDataListType]

Description

See failedUpdateUserDataType.

Derived By

Type failedUpdateUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	updateUserDataType	0..1	See updateUserDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedUpdateUserDataListType	Complex Type

Definition

See failedUpdateUserDataListType

Element: failedUser [type failedUpdateUserRolesDataListType]

Description

See failedUpdateUserRolesDataType.

Derived By

Type failedUpdateUserRolesDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	updateUserRolesDataType	0..1	See updateUserRolesDataType.
reason	string	0..1	Reason for failure.

Referenced By

Name	Type
failedUpdateUserRolesDataListType	Complex Type

Definition

See failedUpdateUserRolesDataListType

Element: faxNumber [type createUserDataType]

Description

User's fax number.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: faxNumber [type updateUserDataType]

Description

User's fax number.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: faxNumber [type userDetailDataType]

Description

User's fax number.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: faxNumber [type userQueryParametersType]

Description

User's fax number.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: firstName [type createUserDataType]

Description

User first name. Required.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: firstName [type updateUserDataType]

Description

User first name.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: firstName [type userPKType]

Description

User's first name.

Derived By

Type string

Referenced By

Name	Type
userPKType	Complex Type

Definition

See userPKType

Element: firstName [type userQueryParametersType]

Description

User first name.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: forceDelete [type forceDeleteUserIdentifierType]

Derived By

Type boolean

Referenced By

Name	Type
forceDeleteUserIdentifierType	Complex Type

Definition

See forceDeleteUserIdentifierType

Element: fulfillmentId [type fulfillmentPKType]

Description

The fulfillmnet ID.

Derived By

Type string

Referenced By

Name	Type
fulfillmentPKType	Complex Type

Definition

See fulfillmentPKType

Element: getAccountCountRequest

Description

A **getAccountCountRequest** message contains an element of getAccountCountRequestType.

Derived By

Type getAccountCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	accountQueryParametersType	0..1	Required. See accountQueryParametersType. Leave this element blank to return all CUSTOMER accounts.

Referenced By

Name	Type
getAccountCount	Method

XML Example

The following XML fragment illustrates a **getAccountCountRequest** message:

```
<getAccountCountRequest>
    <queryParams>
        <accountID>
            <value>acme</value>
            <searchType>CONTAINS</searchType>
        </accountID>
        <onlyRootAccounts>true</onlyRootAccounts>
    </queryParams>
</getAccountCountRequest>
```

Element: getAccountCountResponse

Description

A **getAccountCountResponse** message contains an element of getAccountCountResponseType.

Derived By

Type getAccountCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountCountResponseDataType</td><td>0..1</td><td>See getAccountCountResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getAccountCount	Method

XML Example

The following XML fragment illustrates a successful **getAccountCountResponse** message:

```
<getAccountCountResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
    <responseData>
        <count>3</count>
    </responseData>
</getAccountCountResponse>
```

Element: getAccountsQueryRequest

Description

See **getAccountsQueryRequest** message contains an element of getAccountsQueryRequestType.

Derived By

Type getAccountsQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	accountQueryParametersType	0..1	Required. See accountQueryParametersType. Leave this element blank to return all CUSTOMER accounts.
pageNumber	integer	1..1	Required. Starts at 1. Say the getAccountsQuery operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getAccountsQuery	Method

XML Example

The following XML fragment illustrates a **getAccountsQueryRequest** message:

```
<getAccountsQueryRequest>
    <queryParams>
        <accountID>
            <value>acme</value>
            <searchType>CONTAINS</searchType>
        </accountID>
    </queryParams>
    <pageNumber>1</pageNumber>
    <batchSize>10</batchSize>
</getAccountsQueryRequest>
```

Element: getAccountsQueryResponse

Description

See **getAccountsQueryResponse** message contains an element of getAccountsQueryResponseType.

Derived By

Type getAccountsQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>0..1</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getAccountsQuery	Method

XML Example

The following XML fragment illustrates a successful **getAccountsQueryResponse** message:

```
<getAccountsQueryResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
    <responseData>
        <acctData>
            <account>
                <uniqueId>HID-20197</uniqueId>
                <primaryKeys>
                    <id>ACME-MARK-WEST</id>
                </primaryKeys>
            </account>
            <name>ACME Marketing West</name>
            <description>ACME western marketing group</description>
        </acctData>
        <acctData>
            <account>
                <uniqueId>HID-20194</uniqueId>
                <primaryKeys>
                    <id>ACME-ENG</id>
                </primaryKeys>
            </account>
            <name>ACME Engineering</name>
            <description>Description of ACME Engineering</description>
        </acctData>
        <acctData>
            <account>
                <uniqueId>HID-20180</uniqueId>
                <primaryKeys>
                    <id>ACME</id>
                </primaryKeys>
            </account>
            <name>Acme Software Corporation</name>
            <description>Description of ACME</description>
        </acctData>
    </responseData>
</getAccountsQueryResponse>
```

Element: getParentAccountsRequest

Description

A **getParentAccountsRequest** message contains an element of getParentAccountsRequestType.

Derived By

Type getParentAccountsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.

Referenced By

Name	Type
getParentAccounts	Method

XML Example

The following XML fragment illustrates a **getParentAccountsRequest**message:

```
<getParentAccountsRequest>
    <account>
        <primaryKeys>
            <id>ACME-ENG</id>
        </primaryKeys>
    </account>
</getParentAccountsRequest>
```

Element: getParentAccountsResponse

Description

A **getParentAccountsResponse** message contains an element of getParentAccountsResponseType.

Derived By

Type getParentAccountsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>0..1</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getParentAccounts	Method

XML Example

The following XML fragment illustrates a **getParentAccountsResponse** message:

```
<getParentAccountsResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
    <responseData>
        <acctData>
            <account>
                <uniqueId>HID-20180</uniqueId>
                <primaryKeys>
                    <id>ACME</id>
              </primaryKeys>
            </account>
            <name>Acme Software Corporation</name>
            <description>Acme description</description>
        </acctData>
    </responseData>
</getParentAccountsResponse
```

Element: getRelatedAccountsRequest

Description

A **getRelatedAccountsRequest** message contains an element of getRelatedAccountsRequestType.

Derived By

Type getRelatedAccountsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.

Referenced By

Name	Type
getRelatedAccounts	Method

XML Example

The following XML fragment illustrates a **getRelatedAccountsRequest** message:

```
<getRelatedAccountsRequest>
    <account>
        <primaryKeys>
            <id>ACME</id>
        </primaryKeys>
    </account>
</getRelatedAccountsRequest>
```

Element: getRelatedAccountsResponse

Description

A **getRelatedAccountsResponse** message contains an element of getRelatedAccountsResponseType.

Derived By

Type getRelatedAccountsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>0..1</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getRelatedAccounts	Method

XML Example

The following XML fragment illustrates a successful **getRelatedAccountsResponse** message:

```
<getRelatedAccountsResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
    <responseData>
        <acctData>
            <account>
                <uniqueId>HID-20199</uniqueId>
                <primaryKeys>
                    <id>ACME-PART</id>
                </primaryKeys>
            </account>
            <name>ACME Partner</name>
            <description>ACME Partner Reseller</description>
        </acctData>
    </responseData>
</getRelatedAccountsResponse>
```

Element: getSubAccountsRequest

Description

A **getSubAccountsRequest** message contains an element of getSubAccountsRequestType.

Derived By

Type getSubAccountsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	1..1	See accountIdentifierType.

Referenced By

Name	Type
getSubAccounts	Method

XML Example

The following XML fragment illustrates a **getSubAccountsRequest** message:

```
<getSubAccountsRequest>
    <account>
        <primaryKeys>
            <id>ACME</id>
        </primaryKeys>
    </account>
</getSubAccountsRequest>
```

Element: getSubAccountsResponse

Description

A **getSubAccountsResponse** message contains an element of getSubAccountsResponseType.

Derived By

Type getSubAccountsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getAccountsQueryResponseDataType</td><td>0..1</td><td>See getAccountsQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getSubAccounts	Method

XML Example

The following XML fragment illustrates a successful **getSubAccountsResponse** message:

```
<getSubAccountsResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
    <responseData>
        <acctData>
            <account>
                <uniqueId>HID-20194</uniqueId>
                <primaryKeys>
                    <id>ACME-ENG</id>
                </primaryKeys>
            </account>
            <name>ACME Engineering</name>
            <description>ACME Engineering Group</description>
        </acctData>
    </responseData>
</getSubAccountsResponse>
```

Element: getUserAccountsExpiryQueryRequest

Description

A **getUserAccountsExpiryQueryRequest** message contains an element of getUserAccountsExpiryQueryRequestType.

Derived By

Type getUserAccountsExpiryQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	accountUserExpiryQueryParametersType	1..1	See accountUserExpiryQueryParametersType.
pageNumber	integer	1..1	Required. Starts at 1. Say the **getUserAccountsExpiryQuery** operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set pageNumber to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getUserAccountsExpiryQuery	Method

XML Example

The following XML fragment illustrates a **getUserAccountsExpiryQueryRequest** message:

```
<getUserAccountsExpiryQueryRequest>
    <queryParams>
        <accountID>ACME</accountID>
        <accountType>PUBLISHER</accountType>
        <expiryDate>
            <value>2020-10-20</value>
            <searchType>BEFORE</searchType>
        </expiryDate>
    </queryParams>
    <pageNumber>1</pageNumber>
    <batchSize>100</batchSize>
</getUserAccountsExpiryQueryRequest>
```

Element: getUserAccountsExpiryQueryResponse

Description

A **getUserAccountsExpiryQueryResponse** message contains an element of getUserAccountsExpiryQueryResponseType.

Derived By

Type getUserAccountsExpiryQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUserAccountsExpiryQueryResponseDataType</td><td>0..1</td><td>See getUserAccountsExpiryQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUserAccountsExpiryQuery	Method

XML Example

The following XML fragment illustrates a successful **getUserAccountsExpiryQueryResponse** message:

```
<getUserAccountsExpiryQueryResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
    <responseData>
        <userAccountExpiryData>
            <userData>
                <userIdentifier>
                    <uniqueId>HID-8</uniqueId>
                    <userName>jsmith@company.com</userName>
                    <primaryKeys>
                        <firstName>John</firstName>
                        <lastName>Smith</lastName>
                        <emailAddress>jsmith@company.com</emailAddress>
                        <phoneNumber></phoneNumber>
                    </primaryKeys>
                </userIdentifier>
                <displayName>John Smith</displayName>
                <status>Active</status>
                <locale>en_US</locale>
                <timezone>GMT-8.0DST60</timezone>
                <shared>false</shared>
                <dateCreated>2018-01-16T05:20:57.193Z</dateCreated>
            </userData>
            <accountExpiryData>
                <accountID>ACME</accountID>
                <expiryDate>2018-01-12</expiryDate>
            </accountExpiryData>
        </userAccountExpiryData>
    </responseData>
</getUserAccountsExpiryQueryResponse>
```

Element: getUserCountRequest

Description

A **getUserCountRequest** message contains an element of getUserCountRequestType.

Derived By

Type getUserCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	userQueryParametersType	0..1	Required. See userQueryParametersType. Leave this element blank to return all users.

Referenced By

Name	Type
getUserCount	Method

XML Example

The following XML fragment illustrates a **getUserCountRequest** message:

```
<getUserCountRequest>
    <queryParams>
        <displayName>
            <value>john</value>
            <searchType>CONTAINS</searchType>
        </displayName>
        <lastModifiedDateTime>
            <value>2011-05-04T22:00:00</value>
            <searchType>AFTER</searchType>
        </lastModifiedDateTime>
        <accountType>PUBLISHER</accountType>
    </queryParams>
</getUserCountRequest>
```

Element: getUserCountResponse

Description

A **getUserCountResponse** message contains an element of getUserCountResponseType.

Derived By

Type getUserCountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUserCountResponseDataType</td><td>0..1</td><td>See getUserCountResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUserCount	Method

XML Example

The following XML fragment illustrates a successful **getUserCountResponse** message:

```
<getUserCountResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
    <responseData>
         <count>1</count>
    </responseData>
</getUserCountResponse>
```

Element: getUserPermissionsRequest

Description

A **getUserPermissionsRequest** message contains an element of getUserPermissionsRequestType.

Derived By

Type getUserPermissionsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userName	string	1..1	The username for which permissions will be retrieved.
domainName	string	0..1	The previous username's domain.

Referenced By

Name	Type
getUserPermissions	Method

XML Example

The following XML fragment illustrates a **getUserPermissionsRequest** message:

```
<getUserPermissionsRequest>
    <userName>jsmith@example.com</userName>
    <domainName>domain.com</domainName>
</getUserPermissionsRequest>
```

Element: getUserPermissionsResponse

Description

A **getUserPermissionsResponse** message contains an element of getUserPermissionsResponseType.

Derived By

Type getUserPermissionsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Status Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUserPermissionsResponseDataType</td><td>0..1</td><td>See getUserPermissionsResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUserPermissions	Method

XML Example

The following XML fragment illustrates a **getUserPermissionsResponse** message:

```
<getUserPermissionsResponse>
    <userName>jsmith@example.com</userName>
    <domainName>domain.com</domainName>
</getUserPermissionsResponse>
```

Element: getUsersQueryRequest

Description

A **getUsersQueryRequest** message contains an element of getUsersQueryRequestType.

Derived By

Type getUsersQueryRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	userQueryParametersType	0..1	Required. See userQueryParametersType. Leave this element blank to return all users.
pageNumber	integer	1..1	Required. Starts at 1. Say the getUsersQuery operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getUsersQuery	Method

XML Example

The following XML fragment illustrates a **getUsersQueryRequest** message, querying by display name, last modified date/time, and account type:

```
<getUsersQueryRequest>
   <queryParams>
      <displayName>
         <value>john</value>
         <searchType>CONTAINS</searchType>
      </displayName>
      <lastModifiedDateTime>
         <value>2011-05-04T22:00:00</value>
         <searchType>AFTER</searchType>
     </lastModifiedDateTime>
     <accountType>PUBLISHER</accountType>
   </queryParams>
   <pageNumber>1</pageNumber>
   <batchSize>10</batchSize>
</getUsersQueryRequest>
```

Element: getUsersQueryResponse

Description

A **getUsersQueryResponse** message contains an element of getUsersQueryResponseType.

Derived By

Type getUsersQueryResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>responseData</td><td>getUsersQueryResponseDataType</td><td>0..1</td><td>See getUsersQueryResponseDataType.</td></tr>
</table>

Referenced By

Name	Type
getUsersQuery	Method

XML Example

The following XML fragment illustrates a successful **getUsersQueryResponse** message:

```
<getUsersQueryResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
    <responseData>
        <user>
            <userIdentifier>
                <uniqueId>HID-20204</uniqueId>
                <userName>jsmith@example.com</userName>
                <primaryKeys>
                    <firstName>John</firstName>
                    <lastName>Smith</lastName>
                    <emailAddress>jsmith@example.com</emailAddress>
                    <phoneNumber>408-123-4567</phoneNumber>
                </primaryKeys>
            </userIdentifier>
            <displayName>Smith John</displayName>
            <optIn>false</optIn>
            <street>1234 Main Street</street>
            <city>San Francisco</city>
            <state>CA</state>
            <zipcode>12345</zipcode>
            <country>US</country>
            <status>Active</status>
            <locale>en_US</locale>
            <timezone>America/Dawson</timezone>
            <shared>false</shared>
            <domain>FLEXnet</domain>
            <acctRolesList>
                <acctRoles>
                    <account>
                        <uniqueId>HID-100040</uniqueId>
                        <name>Account_Step</name>
                        <primaryKeys>
                            <id>Acme</id>
                        </primaryKeys>
                    </account>
                    <roles>
                        <roleName>Portal Admin User Role</roleName>
                    </roles>
                </acctRoles>
                <acctRoles>
                    <account>
                        <primaryKeys>
                            <id>Delta</id>
                        </primaryKeys>
                    </account>
                    <roles>
                        <roleName>Portal Admin User Role</roleName>
                    </roles>
                </acctRoles>
            </acctRolesList>
        </user>
    </responseData>
</getUsersQueryResponse>
```

Element: id [type accountDataType]

Description

Required. Displayed as **Account Identifier** (short account name) in the web interface.

Derived By

Type string

Referenced By

Name	Type
accountDataType	Complex Type

Definition

See accountDataType

Element: id [type accountPKTypeUser]

Derived By

Type string

Referenced By

Name	Type
accountPKTypeUser	Complex Type

Definition

See accountPKTypeUser

Element: id [type updateAcctDataType]

Description

Account identifier (short account name) of the account.

Derived By

Type string

Referenced By

Name	Type
updateAcctDataType	Complex Type

Definition

See updateAcctDataType

Element: integerValue [type attributeDescriptorType]

Description

Integer value of the attribute.

Derived By

Type integer

Referenced By

Name	Type
attributeDescriptorType	Complex Type

Definition

See attributeDescriptorType

Element: isActive [type userQueryParametersType]

Description

Is the user currently active?

Derived By

Type boolean

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: keyName [type trustedKeyPKType]

Description

The **keyName** of the transaction key.

Derived By

Type string

Referenced By

Name	Type
trustedKeyPKType	Complex Type

Definition

See trustedKeyPKType

Element: lastModifiedBy [type accountDetailDataType]

Description

Name of the user who last modified the account.

Derived By

Type string

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: lastModifiedBy [type userDetailDataType]

Description

Name of the user who last modified the user account.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: lastModifiedDateTime [type accountQueryParametersType]

Description

See DateTimeQueryType.

Derived By

Type DateTimeQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	dateTime	1..1	A date and time value to compare to the last modified date and time value. For example, 2011-05-04T22:00:00.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: lastModifiedDateTime [type userQueryParametersType]

Description

Optional. The date and time at which the user account was last modified. See DateTimeQueryType.

Derived By

Type DateTimeQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	dateTime	1..1	A date and time value to compare to the last modified date and time value. For example, 2011-05-04T22:00:00.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: lastName [type createUserDataType]

Description

User last name. Required.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: lastName [type updateUserDataType]

Description

User last name.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: lastName [type userPKType]

Description

User's last name.

Derived By

Type string

Referenced By

Name	Type
userPKType	Complex Type

Definition

See userPKType

Element: lastName [type userQueryParametersType]

Description

User last name.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: licenseModel [type partNumberIdentifierWithModelType]

Description

Optional, if you want to map a part number for a product to one specific license model linked to the product. See licenseModelIdentifierType.

Derived By

Type licenseModelIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license model.
primaryKeys	licenseModelPKType	0..1	Database primary key of the license model—a string containing the **name** of the license model. See licenseModelPKType.

Referenced By

Name	Type
partNumberIdentifierWithModelType	Complex Type

Definition

See partNumberIdentifierWithModelType

Element: linkAccountsRequest

Description

A **linkAccountsRequest** message contains an element of linkAccountsRequestType.

Derived By

Type linkAccountsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	linkAccountsDataType	1..*	Required. A link between exactly one root account and exactly one subaccount is expressed as an **acctData** element. A hierarchy with multiple root accounts or multiple sub accounts is constructed link by link with multiple **acctData** elements in a request. See linkAccountsDataType.

Referenced By

Name	Type
linkAccounts	Method

XML Example

The following XML fragment illustrates a **linkAccountsRequest** message:

```
<linkAccountsRequest>
    <acctData>
        <parentAcct>
            <primaryKeys>
                <id>ACME</id>
            </primaryKeys>
        </parentAcct>
        <subAcct>
            <primaryKeys>
              <id>ACME-ENG</id>
            </primaryKeys>
        </subAcct>
    </acctData>
    <acctData>
        <parentAcct>
            <primaryKeys>
                <id>ACME</id>
            </primaryKeys>
        </parentAcct>
        <subAcct>
            <primaryKeys>
                <id>ACME-MARK</id>
            </primaryKeys>
        </subAcct>
```

XML Example

```
    </acctData>
  </linkAccountsRequest>
```

Element: linkAccountsResponse

Description

A **linkAccountsResponse** message contains an element of linkAccountsResponseType.

Derived By

Type linkAccountsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Descriptionik</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedLinkAcctDataListType</td><td>0..1</td><td>See failedLinkAcctDataListType.</td></tr>
</table>

Referenced By

Name	Type
linkAccounts	Method

XML Example

The following XML fragment illustrates a successful **linkAccountsResponse** message:

```
<linkAccountsResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
</linkAccountsResponse>
```

Element: locale [type addDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
addDomainUserDataType	Complex Type

Definition

See addDomainUserDataType

Element: locale [type createUserDataType]

Description

User's locale.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: locale [type updateDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
updateDomainUserDataType	Complex Type

Definition

See updateDomainUserDataType

Element: locale [type updateUserDataType]

Description

Optional. A string containing one of the locale settings supported by Java, for example, en_US.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: locale [type userDetailDataType]

Description

Optional. A string containing one of the locale settings supported by Java, for example, en_US.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: name [type accountDataType]

Description

Required. Displayed as **Account Name** (full account name) in the web interface.

Derived By

Type string

Referenced By

Name	Type
accountDataType	Complex Type

Definition

See accountDataType

Element: name [type accountDetailDataType]

Description

The account name.

Derived By

Type string

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: name [type accountIdentifierTypeUser]

Derived By

Type string

Referenced By

Name	Type
accountIdentifierTypeUser	Complex Type

Definition

See accountIdentifierTypeUser

Element: name [type featureBundlePKType]

Description

The name of the feature bundle.

Derived By

Type string

Referenced By

Name	Type
featureBundlePKType	Complex Type

Definition

See featureBundlePKType

Element: name [type featurePKType]

Description

The **name** of the feature.

Derived By

Type string

Referenced By

Name	Type
featurePKType	Complex Type

Definition

See featurePKType

Element: name [type hostTypePKType]

Description

The **name** of the host type.

Derived By

Type string

Referenced By

Name	Type
hostTypePKType	Complex Type

Definition

See hostTypePKType

Element: name [type licenseGeneratorPKType]

Description

The **name** of the license generator configuration.

Derived By

Type string

Referenced By

Name	Type
licenseGeneratorPKType	Complex Type

Definition

See licenseGeneratorPKType

Element: name [type licenseModelPKType]

Description

The **name** of the license model.

Derived By

Type string

Referenced By

Name	Type
licenseModelPKType	Complex Type

Definition

See licenseModelPKType

Element: name [type licenseTechnologyPKType]

Description

The **name** of the license technology.

Derived By

Type string

Referenced By

Name	Type
licenseTechnologyPKType	Complex Type

Definition

See licenseTechnologyPKType

Element: name [type maintenancePKType]

Description

The **name** of the maintenance product.

Derived By

Type string

Referenced By

Name	Type
maintenancePKType	Complex Type

Definition

See maintenancePKType

Element: name [type productPKType]

Description

The **name** of the product.

Derived By

Type string

Referenced By

Name	Type
productPKType	Complex Type

Definition

See productPKType

Element: name [type rolePKType]

Description

Name of the role.

Derived By

Type string

Referenced By

Name	Type
rolePKType	Complex Type

Definition

See rolePKType

Element: name [type suitePKType]

Description

The **name** of the suite.

Derived By

Type string

Referenced By

Name	Type
suitePKType	Complex Type

Definition

See suitePKType

Element: name [type updateAcctDataType]

Description

Account name (full account name) of the account.

Derived By

Type string

Referenced By

Name	Type
updateAcctDataType	Complex Type

Definition

See updateAcctDataType

Element: namespace [type attributeMetaDescriptorType]

Derived By

Type string

Referenced By

Name	Type
attributeMetaDescriptorType	Complex Type

Definition

See attributeMetaDescriptorType

Element: numberValue [type customAttributeQueryType]

Description

Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**.

A **numberValue** element contains:

- **value**—an integer number to match part or all of the custom attribute value.
- **searchType**—one of the following simpleSearchType values:
  - GREATER_THAN
  - GREATER_THAN_EQUALS
  - LESS_THAN
  - LESS_THAN_EQUALS
  - EQUALS
  - NOT_EQUALS

Derived By

Type NumberQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	integer	1..1	Number to match part or all of the attribute value.
searchType	numberSearchType	1..1	One of the following numberSearchType values: • GREATER_THAN • GREATER_THAN_EQUALS • LESS_THAN • LESS_THAN_EQUALS • EQUALS • NOT_EQUALS

Referenced By

Name	Type
customAttributeQueryType	Complex Type

Definition

See customAttributeQueryType

Element: numDuration [type DurationType]

Description

Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.

Derived By

Type integer

Referenced By

Name	Type
DurationType	Complex Type

Definition

See DurationType

Element: onlyRootAccounts [type accountQueryParametersType]

Description

If true, returns only root accounts.

Derived By

Type boolean

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: optIn [type addDomainUserDataType]

Derived By

Type boolean

Referenced By

Name	Type
addDomainUserDataType	Complex Type

Definition

See addDomainUserDataType

Element: optIn [type createUserDataType]

Description

Required. Does the user wish to receive email?

Derived By

Type boolean

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: optIn [type updateDomainUserDataType]

Derived By

Type boolean

Referenced By

Name	Type
updateDomainUserDataType	Complex Type

Definition

See updateDomainUserDataType

Element: optIn [type updateUserDataType]

Description

Does the user wish to receive email?

Derived By

Type boolean

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: optIn [type userDetailDataType]

Description

Does the user wish to receive email?

Derived By

Type boolean

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: opType [type createAcctRequestType]

Description

Specifies how FlexNet Operations behaves when creating accounts. For details, see CreateOrUpdateOperationType.

If no **opType** is set, FlexNet Operations creates the specified account unless the account already exists. When the account already exists, the operation fails.

Derived By

Type CreateOrUpdateOperationType

Enumeration

Value	Description
CREATE_OR_UPDATE	
CREATE_OR_IGNORE	

Referenced By

Name	Type
createAcctRequestType	Complex Type

Definition

See createAcctRequestType

Element: opType [type createUserRequestType]

Description

Specifies how FlexNet Operations behaves when creating users. For details, see CreateOrUpdateOperationType.

- If no **opType** is set, FlexNet Operations creates the specified user unless the user or contact already exists. When the user or contact already exists, the operation fails.
- If the user does not exist and the **opType** is set to either **CREATE_OR_UPDATE** or **CREATE_OR_IGNORE**, the operation will succeed unless the existing contact already belongs to another user. If the contact exists but does not belong to another user, it will create the user and update the contact with the new user.
- If both the user and contact exist and the **opType** is set to **CREATE_OR_UPDATE**, the request will update the contact.
- If both the user and contact exist and the **opType** is set to **CREATE_OR_IGNORE**, the request will not update the contact.

Derived By

Type CreateOrUpdateOperationType

Enumeration

Value	Description
CREATE_OR_UPDATE	
CREATE_OR_IGNORE	

Referenced By

Name	Type
createUserRequestType	Complex Type

Definition

See createUserRequestType

Element: opType [type updateEntitledProductDataListType]

Description

Required. Specify one of the following for each entitlement to be modified:

- REPLACE
- ADD
- DELETE

Derived By

Type CollectionOperationType

Enumeration

Value	Description
REPLACE	
ADD	
DELETE	

Referenced By

Name	Type
updateEntitledProductDataListType	Complex Type

Definition

See updateEntitledProductDataListType

Element: opType [type updateRelatedAccountsListType]

Description

Type of operation performed on the account.

- **ADD**—add a link to this related account.
- **REPLACE**—replace all current links to related accounts with a link to this account.
- **DELETE**—remove the link between the account and this related account.

Derived By

Type CollectionOperationType

Enumeration

Value	Description
REPLACE	
ADD	
DELETE	

Referenced By

Name	Type
updateRelatedAccountsListType	Complex Type

Definition

See updateRelatedAccountsListType

Element: opType [type updateSubAccountsListType]

Description

Type of operation performed on the account.

- **ADD**—add a link to this subaccount.
- **REPLACE**—replace all current links to first-level subaccounts with a link to this one.
- **DELETE**—remove the link between the parent and this subaccount, promoting the subaccount to a root account if it is not linked to any other parent accounts.

Derived By

Type CollectionOperationType

Enumeration

Value	Description
REPLACE	
ADD	
DELETE	

Referenced By

Name	Type
updateSubAccountsListType	Complex Type

Definition

See updateSubAccountsListType

Element: opType [type updateUserAccountsListType]

Description

Type of operation performed on the user's accounts and roles.

- **ADD**—add the user to the account.
- **REPLACE**—replace all current links to accounts. Unlike in the Admin Console, it is possible to replace a link from one type of account to another type.
- **DELETE**—remove the link between the user and account, only if the user is linked to another account.

Derived By

Type CollectionOperationType

Enumeration

Value	Description
REPLACE	
ADD	
DELETE	

Referenced By

Name	Type
updateUserAccountsListType	Complex Type

Definition

See updateUserAccountsListType

Element: opType [type updateUserRolesListType]

Description

Type of operation performed on the user.

- **ADD**—assign the user to a role.
- **REPLACE**—replace a current role assignment.
- **DELETE**—remove the link between the user and a role.

Derived By

Type CollectionOperationType

Enumeration

Value	Description
REPLACE	
ADD	
DELETE	

Referenced By

Name	Type
updateUserRolesListType	Complex Type

Definition

See updateUserRolesListType

Element: organization [type updateDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
updateDomainUserDataType	Complex Type

Definition

See updateDomainUserDataType

Element: pageNumber [type getAccountsQueryRequestType]

Description

Required. Starts at 1. Say the getAccountsQuery operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Derived By

Type integer

Referenced By

Name	Type
getAccountsQueryRequestType	Complex Type

Definition

See getAccountsQueryRequestType

Element: pageNumber [type getUserAccountsExpiryQueryRequestType]

Description

Required. Starts at 1. Say the **getUserAccountsExpiryQuery** operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set pageNumber to 2.

Derived By

Type integer

Referenced By

Name	Type
getUserAccountsExpiryQueryRequestType	Complex Type

Definition

See getUserAccountsExpiryQueryRequestType

Element: pageNumber [type getUsersQueryRequestType]

Description

Required. Starts at 1. Say the getUsersQuery operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.

Derived By

Type integer

Referenced By

Name	Type
getUsersQueryRequestType	Complex Type

Definition

See getUsersQueryRequestType

Element: parentAcct [type linkAccountsDataType]

Description

Identifier of the parent account. See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
linkAccountsDataType	Complex Type

Definition

See linkAccountsDataType

Element: partId [type partNumberPKType]

Description

The **partId** of the part number.

Derived By

Type string

Referenced By

Name	Type
partNumberPKType	Complex Type

Definition

See partNumberPKType

Element: permission [type permissionListType]

Description

The permission that the user has been granted.This will be shown as a string roughly in the format "platform:view.and.manage.users".

Derived By

Type string

Referenced By

Name	Type
permissionListType	Complex Type

Definition

See permissionListType

Element: permissions [type getUserPermissionsResponseDataType]

Description

The list of permissions that the user has been granted. This will be shown as a string roughly in the format "platform:view.and.manage.users". See permissionListType.

Derived By

Type permissionListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
permission	string	1..*	The permission that the user has been granted.This will be shown as a string roughly in the format "platform:view.and.manage.users".

Referenced By

Name	Type
getUserPermissionsResponseDataType	Complex Type

Definition

See getUserPermissionsResponseDataType

Element: phoneNumber [type createUserDataType]

Description

User's phone number.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: phoneNumber [type updateUserDataType]

Description

User's phone number.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: phoneNumber [type userPKType]

Description

User's phone number.

Derived By

Type string

Referenced By

Name	Type
userPKType	Complex Type

Definition

See userPKType

Element: phoneNumber [type userQueryParametersType]

Description

User's phone number.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: primaryKeys [type accountIdentifierTypeUser]

Derived By

Type accountPKTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	1..1	

Referenced By

Name	Type
accountIdentifierTypeUser	Complex Type

Definition

See accountIdentifierTypeUser

Element: primaryKeys [type domainUserIdentifierType]

Derived By

Type domainUserPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userName	string	1..1	
domainName	string	1..1	

Referenced By

Name	Type
domainUserIdentifierType	Complex Type

Definition

See domainUserIdentifierType

Element: primaryKeys [type entitlementIdentifierType]

Description

Database primary key of the entitlement—string containing the **entitlementId** of the entitlement. See entitlementPKType.

Derived By

Type entitlementPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitlementId	string	1..1	The entitlement ID of the entitlement.

Referenced By

Name	Type
entitlementIdentifierType	Complex Type

Definition

See entitlementIdentifierType

Element: primaryKeys [type entitlementLineItemIdentifierType]

Description

Database primary key of the entitlement line item—string containing the **activationId** of the entitlement line item. See entitlementLineItemPKType.

Derived By

Type entitlementLineItemPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	1..1	The activationId of the entitlement line item.

Referenced By

Name	Type
entitlementLineItemIdentifierType	Complex Type

Definition

See entitlementLineItemIdentifierType

Element: primaryKeys [type featureBundleIdentifierType]

Description

Database primary key of the feature bundle—a string containing the name of the feature bundle. See featureBundlePKType.

Derived By

Type featureBundlePKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The name of the feature bundle.

Referenced By

Name	Type
featureBundleIdentifierType	Complex Type

Definition

See featureBundleIdentifierType

Element: primaryKeys [type featureIdentifierType]

Description

Database primary keys of the feature—strings containing name and, if the feature version format is FIXED, the version of the feature. If the feature version format is DATE_BASED, specify only name. See featurePKType.

Derived By

Type featurePKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the feature.
version	string	0..1	The **version** of the feature.

Referenced By

Name	Type
featureIdentifierType	Complex Type

Definition

See featureIdentifierType

Element: primaryKeys [type fulfillmentIdentifierType]

Description

Database primary key of the fulfillment—a string containing the **fulfillmentID**. See fulfillmentPKType.

Derived By

Type fulfillmentPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentId	string	1..1	The fulfillmnet ID.

Referenced By

Name	Type
fulfillmentIdentifierType	Complex Type

Definition

See fulfillmentIdentifierType

Element: primaryKeys [type licenseGeneratorIdentifierType]

Description

Database primary key of the license generator configuration—string containing the **name** of the license generator configuration. See licenseGeneratorPKType.

Derived By

Type licenseGeneratorPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license generator configuration.

Referenced By

Name	Type
licenseGeneratorIdentifierType	Complex Type

Definition

See licenseGeneratorIdentifierType

Element: primaryKeys [type licenseModelIdentifierType]

Description

Database primary key of the license model—a string containing the **name** of the license model. See licenseModelPKType.

Derived By

Type licenseModelPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license model.

Referenced By

Name	Type
licenseModelIdentifierType	Complex Type

Definition

See licenseModelIdentifierType

Element: primaryKeys [type licenseTechnologyIdentifierType]

Description

Database primary key of the license technology—string containing the **name** of the license technology. See licenseTechnologyPKType.

Derived By

Type licenseTechnologyPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the license technology.

Referenced By

Name	Type
licenseTechnologyIdentifierType	Complex Type

Definition

See licenseTechnologyIdentifierType

Element: primaryKeys [type maintenanceIdentifierType]

Description

Database primary key of the maintenance product—strings containing the **name** and **version** of the maintenance product. See maintenancePKType.

Derived By

Type maintenancePKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the maintenance product.
version	string	1..1	The **version** of the maintenance product.

Referenced By

Name	Type
maintenanceIdentifierType	Complex Type

Definition

See maintenanceIdentifierType

Element: primaryKeys [type partNumberIdentifierType]

Description

Database primary key of the part number—string containing the **partId** of the part number. See partNumberPKType.

Derived By

Type partNumberPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partId	string	1..1	The **partId** of the part number.

Referenced By

Name	Type
partNumberIdentifierType	Complex Type

Definition

See partNumberIdentifierType

Element: primaryKeys [type partNumberIdentifierWithModelType]

Description

Database primary key of the part number—a string containing the **partId** of the part number. See partNumberPKType.

Derived By

Type partNumberPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partId	string	1..1	The **partId** of the part number.

Referenced By

Name	Type
partNumberIdentifierWithModelType	Complex Type

Definition

See partNumberIdentifierWithModelType

Element: primaryKeys [type productIdentifierType]

Description

Database primary key of the product—strings containing the **name** and **version** of the product. See productPKType.

Derived By

Type productPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the product.
version	string	1..1	The **version** of the product.

Referenced By

Name	Type
productIdentifierType	Complex Type

Definition

See productIdentifierType

Element: primaryKeys [type roleIdentifierType]

Description

Name of the role. See rolePKType.

Derived By

Type rolePKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the role.

Referenced By

Name	Type
roleIdentifierType	Complex Type

Definition

See roleIdentifierType

Element: primaryKeys [type suiteIdentifierType]

Description

Database primary key of the suite—strings containing the **name** and **version** of the suite. See suitePKType.

Derived By

Type suitePKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The **name** of the suite.
version	string	1..1	The **version** of the suite.

Referenced By

Name	Type
suiteIdentifierType	Complex Type

Definition

See suiteIdentifierType

Element: primaryKeys [type trustedKeyIdentifierType]

Description

Database primary key of the transaction key—a string containing the **keyName** of the transaction key. See trustedKeyPKType.

Derived By

Type trustedKeyPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
keyName	string	1..1	The **keyName** of the transaction key.

Referenced By

Name	Type
trustedKeyIdentifierType	Complex Type

Definition

See trustedKeyIdentifierType

Element: primaryKeys [type userIdentifierType]

Description

See userPKType.

Derived By

Type userPKType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
firstName	string	1..1	User's first name.
lastName	string	1..1	User's last name.
emailAddress	string	1..1	User's email address.
phoneNumber	string	0..1	User's phone number.

Referenced By

Name	Type
forceDeleteUserIdentifierType	Complex Type
userIdentifierType	Complex Type

Definition

See userIdentifierType

Element: product [type entitledProductDataType]

Description

See productIdentifierType.

Derived By

Type productIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the product.
primaryKeys	productPKType	0..1	Database primary key of the product—strings containing the **name** and **version** of the product. See productPKType.

Referenced By

Name	Type
entitledProductDataType	Complex Type

Definition

See entitledProductDataType

Element: productIdentifier [type productIdentifierWithCountDataType]

Description

Required. See productIdentifierType.

Derived By

Type productIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the product.
primaryKeys	productPKType	0..1	Database primary key of the product—strings containing the **name** and **version** of the product. See productPKType.

Referenced By

Name	Type
productIdentifierWithCountDataType	Complex Type

Definition

See productIdentifierWithCountDataType

Element: quantity [type entitledProductDataType]

Description

Quantity per copy of the line item. This is a multiplier to the number of copies. If one copy of the line item is fulfilled, this many copies of the entitled product will be fulfilled.

Derived By

Type integer

Referenced By

Name	Type
entitledProductDataType	Complex Type

Definition

See entitledProductDataType

Element: queryParams [type getAccountCountRequestType]

Description

Required. See accountQueryParametersType. Leave this element blank to return all CUSTOMER accounts.

Derived By

Type accountQueryParametersType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountID	SimpleQueryType	0..1	Account ID.
accountName	SimpleQueryType	0..1	Account name.
description	SimpleQueryType	0..1	Account description.
address1	SimpleQueryType	0..1	First line of address.
address2	SimpleQueryType	0..1	Second line of address.
city	SimpleQueryType	0..1	City.
state	SimpleQueryType	0..1	State.
zipcode	SimpleQueryType	0..1	Postal code.
country	SimpleQueryType	0..1	Two letter country code.
region	SimpleQueryType	0..1	Region.
onlyRootAccounts	boolean	0..1	If true, returns only root accounts.
accountType	AcctType	0..1	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
accountTypeList	AcctTypeList	0..1	See accountTypeList.
customAttributes	acctCustomAttributesQueryListType	0..1	See acctCustomAttributesQueryListType.
lastModifiedDateTime	DateTimeQueryType	0..1	See DateTimeQueryType.

Referenced By

Name	Type
getAccountCountRequestType	Complex Type

Definition

See getAccountCountRequestType

Element: queryParams [type getAccountsQueryRequestType]

Description

Required. See accountQueryParametersType. Leave this element blank to return all CUSTOMER accounts.

Derived By

Type accountQueryParametersType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountID	SimpleQueryType	0..1	Account ID.
accountName	SimpleQueryType	0..1	Account name.
description	SimpleQueryType	0..1	Account description.
address1	SimpleQueryType	0..1	First line of address.
address2	SimpleQueryType	0..1	Second line of address.
city	SimpleQueryType	0..1	City.
state	SimpleQueryType	0..1	State.
zipcode	SimpleQueryType	0..1	Postal code.
country	SimpleQueryType	0..1	Two letter country code.
region	SimpleQueryType	0..1	Region.
onlyRootAccounts	boolean	0..1	If true, returns only root accounts.
accountType	AcctType	0..1	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER Default: CUSTOMER. (You cannot use web services to create a new account with an **accountType** of SELF_REGISTERED.)
accountTypeList	AcctTypeList	0..1	See accountTypeList.
customAttributes	acctCustomAttributesQueryListType	0..1	See acctCustomAttributesQueryListType.
lastModifiedDateTime	DateTimeQueryType	0..1	See DateTimeQueryType.

Referenced By

Name	Type
getAccountsQueryRequestType	Complex Type

Definition

See getAccountsQueryRequestType

Element: queryParams [type getUserAccountsExpiryQueryRequestType]

Description

See accountUserExpiryQueryParametersType.

Derived By

Type accountUserExpiryQueryParametersType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountID	string	1..1	Required. The ID of the account. If not provided, the following error message displays: User details cannot be fetched without account Id.
accountType	AcctType	0..1	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.
expiryDate	DateQueryType	0..1	See DateQueryType.

Referenced By

Name	Type
getUserAccountsExpiryQueryRequestType	Complex Type

Definition

See getUserAccountsExpiryQueryRequestType

Element: queryParams [type getUserCountRequestType]

Description

Required. See userQueryParametersType. Leave this element blank to return all users.

Derived By

Type userQueryParametersType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userName	SimpleQueryType	0..1	User's FNO user name. • If **canLogin** is set to false, this fields is ignored. • If **canLogin** is set to true, this field is required.
firstName	SimpleQueryType	0..1	User first name.
lastName	SimpleQueryType	0..1	User last name.
displayName	SimpleQueryType	0..1	User's display name.
emailAddress	SimpleQueryType	0..1	User's email address.
phoneNumber	SimpleQueryType	0..1	User's phone number.
faxNumber	SimpleQueryType	0..1	User's fax number.
street	SimpleQueryType	0..1	Street portion of address.
city	SimpleQueryType	0..1	City portion of address.
state	SimpleQueryType	0..1	State portion of address.
zipcode	SimpleQueryType	0..1	Postal code.
country	SimpleQueryType	0..1	Country in which contact is located. Provide country in the two-character ISO-3166 format.
isActive	boolean	0..1	Is the user currently active?
canLogIn	boolean	0..1	Can the user log in? If not, user information is kept only for contact purposes.
accountIdList	accountIdList	0..1	Use to retrieve user information for multiple accounts using a single API call. To retrieve information for multiple accounts, specify up to 10 account IDs using the getUsersQuery API request.
accountName	SimpleQueryType	0..1	Display name of any account to which the user belongs.
customAttributes	userCustomAttributesQueryListType	0..1	Custom attributes attached to this user. See userCustomAttributesQueryListType.

Content Model

Component	Type	Occurs	Description
lastModifiedDateTime	DateTimeQueryType	0..1	Optional. The date and time at which the user account was last modified. See DateTimeQueryType.
accountType	AcctType	0..1	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.
roles	userAccountRolesListType	0..1	See userAccountRolesListType.
usersFromLinkedAccount	boolean	0..1	A query for a parent account ID with **usersFromLinkedAccount** set to **true** would return users from all sub-accounts that are directly linked to the parent account. The field is available for the getUsersQuery and getUsersCount operations.

Content Model

Component	Type	Occurs	Description

sortBys	userSortBys	0..1	Enables producers who are building their own Web portal to sort columns.
			Only one sortBy parameter can be sent per request.
			Here is an example request:
			`<urn:sortBys>`
			`  <urn:sortBy>`
			`  <urn:sortKey>EMAIL</urn:sortKey>`
			`  <urn:ascending>false</urn:ascending>`
			`  </urn:sortBy>`
			`</urn:sortBys>`
			
			The following fields can be sorted:
			• ACCOUNT_NAME
			• ACCOUNT_ID
			• CAN_LOGIN
			• CITY
			• COUNTRY
			• DISPLAY_NAME
			• EMAIL
			• FIRST_NAME
			• ISACTIVE
			• LAST_MODIFIED
			• LAST_NAME
			• STATE

Referenced By

Name	Type
getUserCountRequestType	Complex Type

Definition

See getUserCountRequestType

Element: queryParams [type getUsersQueryRequestType]

Description

Required. See userQueryParametersType. Leave this element blank to return all users.

Derived By

Type userQueryParametersType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userName	SimpleQueryType	0..1	User's FNO user name. • If **canLogin** is set to false, this fields is ignored. • If **canLogin** is set to true, this field is required.
firstName	SimpleQueryType	0..1	User first name.
lastName	SimpleQueryType	0..1	User last name.
displayName	SimpleQueryType	0..1	User's display name.
emailAddress	SimpleQueryType	0..1	User's email address.
phoneNumber	SimpleQueryType	0..1	User's phone number.
faxNumber	SimpleQueryType	0..1	User's fax number.
street	SimpleQueryType	0..1	Street portion of address.
city	SimpleQueryType	0..1	City portion of address.
state	SimpleQueryType	0..1	State portion of address.
zipcode	SimpleQueryType	0..1	Postal code.
country	SimpleQueryType	0..1	Country in which contact is located. Provide country in the two-character ISO-3166 format.
isActive	boolean	0..1	Is the user currently active?
canLogIn	boolean	0..1	Can the user log in? If not, user information is kept only for contact purposes.
accountIdList	accountIdList	0..1	Use to retrieve user information for multiple accounts using a single API call. To retrieve information for multiple accounts, specify up to 10 account IDs using the getUsersQuery API request.
accountName	SimpleQueryType	0..1	Display name of any account to which the user belongs.
customAttributes	userCustomAttributesQueryListType	0..1	Custom attributes attached to this user. See userCustomAttributesQueryListType.

Content Model

Component	Type	Occurs	Description
lastModifiedDateTime	DateTimeQueryType	0..1	Optional. The date and time at which the user account was last modified. See DateTimeQueryType.
accountType	AcctType	0..1	Optional. Defines the account type. **accountType** can be: • CUSTOMER • PUBLISHER • CHANNEL_PARTNER • SELF_REGISTERED Default: CUSTOMER.
roles	userAccountRolesListType	0..1	See userAccountRolesListType.
usersFromLinkedAccount	boolean	0..1	A query for a parent account ID with **usersFromLinkedAccount** set to **true** would return users from all sub-accounts that are directly linked to the parent account. The field is available for the getUsersQuery and getUsersCount operations.

Content Model

Component	Type	Occurs	Description

sortBys	userSortBys	0..1	Enables producers who are building their own Web portal to sort columns.
			Only one sortBy parameter can be sent per request.
			Here is an example request:
			`<urn:sortBys>`
			`<urn:sortBy>`
			`<urn:sortKey>EMAIL</urn:sortKey>`
			`<urn:ascending>false</urn:ascending>`
			`</urn:sortBy>`
			`</urn:sortBys>`
			
			The following fields can be sorted:
			• ACCOUNT_NAME
			• ACCOUNT_ID
			• CAN_LOGIN
			• CITY
			• COUNTRY
			• DISPLAY_NAME
			• EMAIL
			• FIRST_NAME
			• ISACTIVE
			• LAST_MODIFIED
			• LAST_NAME
			• STATE

Referenced By

Name	Type
getUsersQueryRequestType	Complex Type

Definition

See getUsersQueryRequestType

Element: reason [type failedAddDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
failedAddDomainUserDataType	Complex Type

Definition

See failedAddDomainUserDataType

Element: reason [type failedCreateAcctDataType]

Description

Reason for failure.

Derived By

Type string

Referenced By

Name	Type
failedCreateAcctDataType	Complex Type

Definition

See failedCreateAcctDataType

Element: reason [type failedCreateUserDataType]

Description

Reason for failure.

Derived By

Type string

Referenced By

Name	Type
failedCreateUserDataType	Complex Type

Definition

See failedCreateUserDataType

Element: reason [type failedDeleteAcctDataType]

Description

Reason for failure.

Derived By

Type string

Referenced By

Name	Type
failedDeleteAcctDataType	Complex Type

Definition

See failedDeleteAcctDataType

Element: reason [type failedDeleteDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
failedDeleteDomainUserDataType	Complex Type

Definition

See failedDeleteDomainUserDataType

Element: reason [type failedDeleteUserDataType]

Description

Reason for failure.

Derived By

Type string

Referenced By

Name	Type
failedDeleteUserDataType	Complex Type

Definition

See failedDeleteUserDataType

Element: reason [type failedLinkAcctDataType]

Description

Reason for failure.

Derived By

Type string

Referenced By

Name	Type
failedLinkAcctDataType	Complex Type

Definition

See failedLinkAcctDataType

Element: reason [type failedRelateAccountsDataType]

Description

Reason for failure.

Derived By

Type string

Referenced By

Name	Type
failedRelateAccountsDataType	Complex Type

Definition

See failedRelateAccountsDataType

Element: reason [type failedUpdateAcctDataType]

Description

Reason for failure.

Derived By

Type string

Referenced By

Name	Type
failedUpdateAcctDataType	Complex Type

Definition

See failedUpdateAcctDataType

Element: reason [type failedUpdateDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
failedUpdateDomainUserDataType	Complex Type

Definition

See failedUpdateDomainUserDataType

Element: reason [type failedUpdateUserDataType]

Description

Reason for failure.

Derived By

Type string

Referenced By

Name	Type
failedUpdateUserDataType	Complex Type

Definition

See failedUpdateUserDataType

Element: reason [type failedUpdateUserRolesDataType]

Description

Reason for failure.

Derived By

Type string

Referenced By

Name	Type
failedUpdateUserRolesDataType	Complex Type

Definition

See failedUpdateUserRolesDataType

Element: reason [type StatusInfoType]

Description

Gives reason for partial failure or failure.

Derived By

Type string

Referenced By

Name	Type
StatusInfoType	Complex Type

Definition

See StatusInfoType

Element: recordRefNo [type correlationDataType]

Derived By

Type string

Referenced By

Name	Type
correlationDataType	Complex Type

Definition

See correlationDataType

Element: region [type accountQueryParametersType]

Description

Region.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: region [type addressDataType]

Description

Address region.

Derived By

Type string

Referenced By

Name	Type
addressDataType	Complex Type

Definition

See addressDataType

Element: relateAccountsRequest

Description

A **relateAccountsRequest** message contains an element of relateAccountsRequestType.

Derived By

Type relateAccountsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	relateAccountsDataType	1..*	Required. A relationship between two accounts is expressed as an **acctData** element. The accounts can be two CHANNEL_PARTNER accounts or a CHANNEL_PARTNER account and a CUSTOMER account. See relateAccountsDataType.

Referenced By

Name	Type
relateAccounts	Method

XML Example

The following XML fragment illustrates a **relateAccountsRequest**message:

```
<relateAccountsRequest>
    <acctData>
        <accountToRelate>
            <primaryKeys>
                <id>ACME</id>
            </primaryKeys>
        </accountToRelate>
        <relatedAccount>
            <primaryKeys>
                <id>ACME-PART</id>
            </primaryKeys>
        </relatedAccount>
    </acctData>
</relateAccountsRequest>
```

Element: relateAccountsResponse

Description

A **relateAccountsResponse** message contains an element of relateAccountsResponseType.

Derived By

Type relateAccountsResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedRelateAccountsDataListType</td><td>0..1</td><td>See failedRelateAccountsDataListType.</td></tr>
</table>

Referenced By

Name	Type
relateAccounts	Method

XML Example

The following XML fragment illustrates a successful **relateAccountsResponse** message:

```
<relateAccountsResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
</relateAccountsResponse>
```

Element: relatedAccount [type relateAccountsDataType]

Description

Identifier of the account to relate to account defined in **accountToRelate**. See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
relateAccountsDataType	Complex Type

Definition

See relateAccountsDataType

Element: relatedAccount [type updateRelatedAccountsListType]

Description

Array of account identifiers of related accounts. See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
updateRelatedAccountsListType	Complex Type

Definition

See updateRelatedAccountsListType

Element: relatedAccounts [type updateAcctDataType]

Description

See updateRelatedAccountsListType.

Derived By

Type updateRelatedAccountsListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
relatedAccount	accountIdentifierTypeUser	1..*	Array of account identifiers of related accounts. See accountIdentifierType.
opType	CollectionOperationType	1..1	Type of operation performed on the account. • **ADD**—add a link to this related account. • **REPLACE**—replace all current links to related accounts with a link to this account. • **DELETE**—remove the link between the account and this related account.

Referenced By

Name	Type
updateAcctDataType	Complex Type

Definition

See updateAcctDataType

Element: responseData [type addDomainUserResponseType]

Derived By

Type addedDomainUserDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	domainUserIdentifierType	0..*	

Referenced By

Name	Type
addDomainUserResponseType	Complex Type

Definition

See addDomainUserResponseType

Element: responseData [type createAcctResponseType]

Description

See createdAccountDataListType.

Derived By

Type createdAccountDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	accountIdentifierTypeUser	0..*	See accountIdentifierType.

Referenced By

Name	Type
createAcctResponseType	Complex Type

Definition

See createAcctResponseType

Element: responseData [type createUserResponseType]

Description

See createdUserDataListType.

Derived By

Type createdUserDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	0..*	See userIdentifierType.

Referenced By

Name	Type
createUserResponseType	Complex Type

Definition

See createUserResponseType

Element: responseData [type getAccountCountResponseType]

Description

See getAccountCountResponseDataType.

Derived By

Type getAccountCountResponseDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	1..1	Number of matching accounts.

Referenced By

Name	Type
getAccountCountResponseType	Complex Type

Definition

See getAccountCountResponseType

Element: responseData [type getAccountsQueryResponseType]

Description

See getAccountsQueryResponseDataType.

Derived By

Type getAccountsQueryResponseDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	accountDetailDataType	0..*	See accountDetailDataType.

Referenced By

Name	Type
getAccountsQueryResponseType	Complex Type

Definition

See getAccountsQueryResponseType

Element: responseData [type getParentAccountsResponseType]

Description

See getAccountsQueryResponseDataType.

Derived By

Type getAccountsQueryResponseDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	accountDetailDataType	0..*	See accountDetailDataType.

Referenced By

Name	Type
getParentAccountsResponseType	Complex Type

Definition

See getParentAccountsResponseType

Element: responseData [type getRelatedAccountsResponseType]

Description

See getAccountsQueryResponseDataType.

Derived By

Type getAccountsQueryResponseDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	accountDetailDataType	0..*	See accountDetailDataType.

Referenced By

Name	Type
getRelatedAccountsResponseType	Complex Type

Definition

See getRelatedAccountsResponseType

Element: responseData [type getSubAccountsResponseType]

Description

See getAccountsQueryResponseDataType.

Derived By

Type getAccountsQueryResponseDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	accountDetailDataType	0..*	See accountDetailDataType.

Referenced By

Name	Type
getSubAccountsResponseType	Complex Type

Definition

See getSubAccountsResponseType

Element: responseData [type getUserAccountsExpiryQueryResponseType]

Description

See getUserAccountsExpiryQueryResponseDataType.

Derived By

Type getUserAccountsExpiryQueryResponseDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userAccountExpiryData	userAccountExpiryType	0..*	See userAccountExpiryType.

Referenced By

Name	Type
getUserAccountsExpiryQueryResponseType	Complex Type

Definition

See getUserAccountsExpiryQueryResponseType

Element: responseData [type getUserCountResponseType]

Description

See getUserCountResponseDataType.

Derived By

Type getUserCountResponseDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	1..1	Number of matching users.

Referenced By

Name	Type
getUserCountResponseType	Complex Type

Definition

See getUserCountResponseType

Element: responseData [type getUserPermissionsResponseType]

Description

See getUserPermissionsResponseDataType.

Derived By

Type getUserPermissionsResponseDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userName	string	1..1	The username from the input.
accountType	string	1..1	The account type of the first account the user belongs to.
permissions	permissionListType	1..1	The list of permissions that the user has been granted. This will be shown as a string roughly in the format "platform:view.and.manage.users". See permissionListType.

Referenced By

Name	Type
getUserPermissionsResponseType	Complex Type

Definition

See getUserPermissionsResponseType

Element: responseData [type getUsersQueryResponseType]

Description

See getUsersQueryResponseDataType.

Derived By

Type getUsersQueryResponseDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userDetailDataType	0..*	See userDetailDataType.

Referenced By

Name	Type
getUsersQueryResponseType	Complex Type

Definition

See getUsersQueryResponseType

Element: responseData [type updateDomainUserResponseType]

Description

See updatedDomainUserDataListType

Derived By

Type updatedDomainUserDataListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	domainUserIdentifierType	0..*	

Referenced By

Name	Type
updateDomainUserResponseType	Complex Type

Definition

See updateDomainUserResponseType

Element: role [type createUserAccountRolesListType]

Description

See roleIdentifierType.

Derived By

Type roleIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Role ID.
primaryKeys	rolePKType	0..1	Name of the role. See rolePKType.

Referenced By

Name	Type
createUserAccountRolesListType	Complex Type

Definition

See createUserAccountRolesListType

Element: role [type updateUserRolesAccountListType]

Description

See roleIdentifierType.

Derived By

Type roleIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Role ID.
primaryKeys	rolePKType	0..1	Name of the role. See rolePKType.

Referenced By

Name	Type
updateUserRolesAccountListType	Complex Type

Definition

See updateUserRolesAccountListType

Element: role [type updateUserRolesListType]

Description

See roleIdentifierType.

Derived By

Type roleIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Role ID.
primaryKeys	rolePKType	0..1	Name of the role. See rolePKType.

Referenced By

Name	Type
updateUserRolesListType	Complex Type

Definition

See updateUserRolesListType

Element: roleName [type userAccountRolesListType]

Description

User's role name.

Derived By

Type string

Referenced By

Name	Type
userAccountRolesListType	Complex Type

Definition

See userAccountRolesListType

Element: roles [type addDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
addDomainUserDataType	Complex Type

Definition

See addDomainUserDataType

Element: roles [type createUserAccountType]

Description

See createUserAccountRolesListType.

Derived By

Type createUserAccountRolesListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
role	roleIdentifierType	1..*	See roleIdentifierType.

Referenced By

Name	Type
createUserAccountType	Complex Type

Definition

See createUserAccountType

Element: roles [type updateDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
updateDomainUserDataType	Complex Type

Definition

See updateDomainUserDataType

Element: roles [type updateUserAccountRolesDataType]

Description

See updateUserRolesListType.

Derived By

Type updateUserRolesListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
role	roleIdentifierType	1..*	See roleIdentifierType.
opType	CollectionOperationType	1..1	Type of operation performed on the user. • **ADD**—assign the user to a role. • **REPLACE**—replace a current role assignment. • **DELETE**—remove the link between the user and a role.

Referenced By

Name	Type
updateUserAccountRolesDataType	Complex Type

Definition

See updateUserAccountRolesDataType

Element: roles [type updateUserAccountType]

Description

See updateUserRolesAccountListType.

Derived By

Type updateUserRolesAccountListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
role	roleIdentifierType	1..*	See roleIdentifierType.

Referenced By

Name	Type
updateUserAccountType	Complex Type

Definition

See updateUserAccountType

Element: roles [type userAccountType]

Description

See userAccountRolesListType.

Derived By

Type userAccountRolesListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
roleName	string	1..*	User's role name.

Referenced By

Name	Type
userAccountType	Complex Type

Definition

See userAccountType

Element: roles [type userQueryParametersType]

Description

See userAccountRolesListType.

Derived By

Type userAccountRolesListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
roleName	string	1..*	User's role name.

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: searchType [type accountIdList]

Description

Search criteria for one account ID would be:

- STARTS_WITH
- CONTAINS
- ENDS_WITH
- EQUALS

Search criteria would be EQUALS if more than one account ID is provided to retrieve user information.

Derived By

Type simpleSearchType

Enumeration

Value	Description
STARTS_WITH	
CONTAINS	
ENDS_WITH	
EQUALS	

Referenced By

Name	Type
accountIdList	Complex Type

Definition

See accountIdList

Element: searchType [type DateQueryType]

Description

One of the following datedSearchType values:

- BEFORE
- AFTER
- ON

Derived By

Type datedSearchType

Enumeration

Value	Description
BEFORE	
AFTER	
ON	

Referenced By

Name	Type
DateQueryType	Complex Type

Definition

See DateQueryType

Element: searchType [type DateTimeQueryType]

Description

One of the following datedSearchType values:

- BEFORE
- AFTER
- ON

Derived By

Type datedSearchType

Enumeration

Value	Description
BEFORE	
AFTER	
ON	

Referenced By

Name	Type
DateTimeQueryType	Complex Type

Definition

See DateTimeQueryType

Element: searchType [type NumberQueryType]

Description

One of the following numberSearchType values:

- GREATER_THAN
- GREATER_THAN_EQUALS
- LESS_THAN
- LESS_THAN_EQUALS
- EQUALS
- NOT_EQUALS

Derived By

Type numberSearchType

Enumeration

Value	Description
GREATER_THAN	
GREATER_THAN_EQUALS	
LESS_THAN	
LESS_THAN_EQUALS	
EQUALS	
NOT_EQUALS	

Referenced By

Name	Type
NumberQueryType	Complex Type

Definition

See NumberQueryType

Element: searchType [type SimpleQueryType]

Derived By

Type simpleSearchType

Enumeration

Value	Description
STARTS_WITH	
CONTAINS	
ENDS_WITH	
EQUALS	

Referenced By

Name	Type
SimpleQueryType	Complex Type

Definition

See SimpleQueryType

Element: searchType [type StateQueryType]

Description

One of the following simpleSearchType values:

- STARTS_WITH
- CONTAINS
- ENDS_WITH
- EQUALS

Derived By

Type simpleSearchType

Enumeration

Value	Description
STARTS_WITH	
CONTAINS	
ENDS_WITH	
EQUALS	

Referenced By

Name	Type
StateQueryType	Complex Type

Definition

See StateQueryType

Element: searchType [type VersionFormatQueryType]

Description

One of the following **simpleSearchType** values:

- STARTS_WITH
- CONTAINS
- ENDS_WITH
- EQUALS

Derived By

Type simpleSearchType

Enumeration

Value	Description
STARTS_WITH	
CONTAINS	
ENDS_WITH	
EQUALS	

Referenced By

Name	Type
VersionFormatQueryType	Complex Type

Definition

See VersionFormatQueryType

Element: shared [type createUserDataType]

Description

Is this a shared login among several users?

Derived By

Type boolean

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: shared [type updateUserDataType]

Description

Is this a shared login among several users?

Derived By

Type boolean

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: shared [type userDetailDataType]

Description

Optional. Corresponds to the **Shared Login** control in the administrative console UI. The shared element can be true or false.

- **true**—Shared Login is enabled for the user account. This is useful when the same user account is used to log in to FlexNet Operations simultaneously from different instances. Logged in history is not written to the database.
- **false**—Shared Login is not enabled for the user account.

Derived By

Type boolean

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: sortBy [type userSortBys]

Derived By

Type userSortBy

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sortKey	userSortKey	1..1	
ascending	boolean	1..1	

Referenced By

Name	Type
userSortBys	Complex Type

Definition

See userSortBys

Element: sortBys [type userQueryParametersType]

Description

Enables producers who are building their own Web portal to sort columns.

Only one sortBy parameter can be sent per request.

Here is an example request:

```
<urn:sortBys>
  <urn:sortBy>
    <urn:sortKey>EMAIL</urn:sortKey>
    <urn:ascending>false</urn:ascending>
  </urn:sortBy>
</urn:sortBys>
```

The following fields can be sorted:

- ACCOUNT_NAME
- ACCOUNT_ID
- CAN_LOGIN
- CITY
- COUNTRY
- DISPLAY_NAME
- EMAIL
- FIRST_NAME
- ISACTIVE
- LAST_MODIFIED
- LAST_NAME
- STATE

Derived By

Type userSortBys

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sortBy	userSortBy	1..*	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: sortKey [type userSortBy]

Derived By

Type userSortKey

Enumeration

Value	Description
EMAIL	
LAST_MODIFIED	
FIRST_NAME	
LAST_NAME	
DISPLAY_NAME	
CITY	
STATE	
COUNTRY	
ISACTIVE	
CAN_LOGIN	
ACCOUNT_ID	
ACCOUNT_NAME	

Referenced By

Name	Type
userSortBy	Complex Type

Definition

See userSortBy

Element: state [type accountQueryParametersType]

Description

State.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: state [type addressDataType]

Description

State portion of address.

Derived By

Type string

Referenced By

Name	Type
addressDataType	Complex Type

Definition

See addressDataType

Element: state [type createUserDataType]

Description

State portion of address.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: state [type updateUserDataType]

Description

State portion of address.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: state [type userDetailDataType]

Description

State portion of address.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: state [type userQueryParametersType]

Description

State portion of address.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: status [type addDomainUserDataType]

Derived By

Type UserStatusType

Enumeration

Value	Description
Active	
Inactive	

Referenced By

Name	Type
addDomainUserDataType	Complex Type

Definition

See addDomainUserDataType

Element: status [type createUserDataType]

Description

Status can be one of the following values:

- Active
- Inactive

Derived By

Type UserStatusType

Enumeration

Value	Description
Active	
Inactive	

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: status [type StatusInfoType]

Description

See StatusType.

Derived By

Type StatusType

Enumeration

Value	Description
SUCCESS	
FAILURE	
PARTIAL_FAILURE	

Referenced By

Name	Type
StatusInfoType	Complex Type

Definition

See StatusInfoType

Element: status [type updateDomainUserDataType]

Derived By

Type UserStatusType

Enumeration

Value	Description
Active	
Inactive	

Referenced By

Name	Type
updateDomainUserDataType	Complex Type

Definition

See updateDomainUserDataType

Element: status [type updateUserDataType]

Description

Status can be one of the following values:

- Active
- Inactive

Derived By

Type UserStatusType

Enumeration

Value	Description
Active	
Inactive	

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: status [type userDetailDataType]

Description

Status can be one of the following values:

- Active
- Inactive

Derived By

Type UserStatusType

Enumeration

Value	Description
Active	
Inactive	

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: statusInfo [type addDomainUserResponseType]

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
addDomainUserResponseType	Complex Type

Definition

See addDomainUserResponseType

Element: statusInfo [type createAcctResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
createAcctResponseType	Complex Type

Definition

See createAcctResponseType

Element: statusInfo [type createUserResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
createUserResponseType	Complex Type

Definition

See createUserResponseType

Element: statusInfo [type deleteAccountResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
deleteAccountResponseType	Complex Type

Definition

See deleteAccountResponseType

Element: statusInfo [type deleteDomainUserResponseType]

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
deleteDomainUserResponseType	Complex Type

Definition

See deleteDomainUserResponseType

Element: statusInfo [type deleteUserResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
deleteUserResponseType	Complex Type

Definition

See deleteUserResponseType

Element: statusInfo [type getAccountCountResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
getAccountCountResponseType	Complex Type

Definition

See getAccountCountResponseType

Element: statusInfo [type getAccountsQueryResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
getAccountsQueryResponseType	Complex Type

Definition

See getAccountsQueryResponseType

Element: statusInfo [type getParentAccountsResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
getParentAccountsResponseType	Complex Type

Definition

See getParentAccountsResponseType

Element: statusInfo [type getRelatedAccountsResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
getRelatedAccountsResponseType	Complex Type

Definition

See getRelatedAccountsResponseType

Element: statusInfo [type getSubAccountsResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
getSubAccountsResponseType	Complex Type

Definition

See getSubAccountsResponseType

Element: statusInfo [type getUserAccountsExpiryQueryResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
getUserAccountsExpiryQueryResponseType	Complex Type

Definition

See getUserAccountsExpiryQueryResponseType

Element: statusInfo [type getUserCountResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
getUserCountResponseType	Complex Type

Definition

See getUserCountResponseType

Element: statusInfo [type getUserPermissionsResponseType]

Description

Element	Status Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
getUserPermissionsResponseType	Complex Type

Definition

See getUserPermissionsResponseType

Element: statusInfo [type getUsersQueryResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
getUsersQueryResponseType	Complex Type

Definition

See getUsersQueryResponseType

Element: statusInfo [type linkAccountsResponseType]

Description

Element	Data Type	Descriptionik
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
linkAccountsResponseType	Complex Type

Definition

See linkAccountsResponseType

Element: statusInfo [type relateAccountsResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
relateAccountsResponseType	Complex Type

Definition

See relateAccountsResponseType

Element: statusInfo [type updateAccountResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
updateAccountResponseType	Complex Type

Definition

See updateAccountResponseType

Element: statusInfo [type updateDomainUserResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
updateDomainUserResponseType	Complex Type

Definition

See updateDomainUserResponseType

Element: statusInfo [type updateUserResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
updateUserResponseType	Complex Type

Definition

See updateUserResponseType

Element: statusInfo [type updateUserRolesResponseType]

Description

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Derived By

Type StatusInfoType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	See StatusType.
reason	string	0..1	Gives reason for partial failure or failure.

Referenced By

Name	Type
updateUserRolesResponseType	Complex Type

Definition

See updateUserRolesResponseType

Element: street [type createUserDataType]

Description

Street portion of address.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: street [type updateUserDataType]

Description

Street portion of address.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: street [type userDetailDataType]

Description

Street portion of address.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: street [type userQueryParametersType]

Description

Street portion of address.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: stringValue [type acctCustomAttributeQueryType]

Description

A string to match part or all of the custom attribute value.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
acctCustomAttributeQueryType	Complex Type

Definition

See acctCustomAttributeQueryType

Element: stringValue [type attributeDescriptorType]

Description

String value of the attribute.

Derived By

Type string

Referenced By

Name	Type
attributeDescriptorType	Complex Type

Definition

See attributeDescriptorType

Element: stringValue [type customAttributeQueryType]

Description

Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**.

A **stringValue** element contains:

- **value**—a string to match part or all of the custom attribute value.
- **searchType**—one of the following simpleSearchType values:
  - STARTS_WITH
  - CONTAINS
  - ENDS_WITH
  - EQUALS

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
customAttributeQueryType	Complex Type

Definition

See customAttributeQueryType

Element: stringValue [type userCustomAttributeQueryType]

Description

Value of the custom attribute.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userCustomAttributeQueryType	Complex Type

Definition

See userCustomAttributeQueryType

Element: subAccount [type updateSubAccountsListType]

Description

Array of account identifiers of subaccounts. See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
updateSubAccountsListType	Complex Type

Definition

See updateSubAccountsListType

Element: subAccounts [type updateAcctDataType]

Description

See updateSubAccountsListType.

Derived By

Type updateSubAccountsListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
subAccount	accountIdentifierTypeUser	1..*	Array of account identifiers of subaccounts. See accountIdentifierType.
opType	CollectionOperationType	1..1	Type of operation performed on the account. • **ADD**—add a link to this subaccount. • **REPLACE**—replace all current links to first-level subaccounts with a link to this one. • **DELETE**—remove the link between the parent and this subaccount, promoting the subaccount to a root account if it is not linked to any other parent accounts.

Referenced By

Name	Type
updateAcctDataType	Complex Type

Definition

See updateAcctDataType

Element: subAcct [type linkAccountsDataType]

Description

Identifiery of the subaccount. See accountIdentifierType.

Derived By

Type accountIdentifierTypeUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
name	string	0..1	
primaryKeys	accountPKTypeUser	0..1	

Referenced By

Name	Type
linkAccountsDataType	Complex Type

Definition

See linkAccountsDataType

Element: timeZone [type addDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
addDomainUserDataType	Complex Type

Definition

See addDomainUserDataType

Element: timezone [type createUserDataType]

Description

Optional. Provide time zone setting in one of the following formats:

- ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT.
- GMT#.#DST#

When a user is saved, this offset is converted to a time zone string and the time zone string is displayed when a user is retrieved.

Derived By

Type UserTimeZoneType

Restrictions

- Value must match the following pattern: [+\-][0-9]{2}[:][0-9]{2}|Z

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: timeZone [type updateDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
updateDomainUserDataType	Complex Type

Definition

See updateDomainUserDataType

Element: timezone [type updateUserDataType]

Description

Optional. Provide time zone setting in one of the following formats:

- ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT.
- GMT#.#DST#

When a user is saved, this offset is converted to a time zone string and the time zone string is displayed when a user is retrieved.

Derived By

Type UserTimeZoneType

Restrictions

- Value must match the following pattern: [+\-][0-9]{2}[:][0-9]{2}|Z

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: timezone [type userDetailDataType]

Description

Optional. Provide time zone setting in one of the followig formats:

- ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT.
- GMT#.#DST#

When a user is saved, this offset is converted to a time zone string, and the time zone string is displayed when a user is retrieved.

Derived By

Type UserTimeZoneType

Restrictions

- Value must match the following pattern: [+\-][0-9]{2}[:][0-9]{2}|Z

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: uniqueId [type accountIdentifierTypeUser]

Derived By

Type string

Referenced By

Name	Type
accountIdentifierTypeUser	Complex Type

Definition

See accountIdentifierTypeUser

Element: uniqueId [type correlationDataType]

Derived By

Type string

Referenced By

Name	Type
correlationDataType	Complex Type

Definition

See correlationDataType

Element: uniqueId [type domainUserIdentifierType]

Derived By

Type string

Referenced By

Name	Type
domainUserIdentifierType	Complex Type

Definition

See domainUserIdentifierType

Element: uniqueId [type entitlementIdentifierType]

Description

Unique database identifier of the entitlement.

Derived By

Type string

Referenced By

Name	Type
entitlementIdentifierType	Complex Type

Definition

See entitlementIdentifierType

Element: uniqueId [type entitlementLineItemIdentifierType]

Description

Unique database identifier of the entitlement line item.

Derived By

Type string

Referenced By

Name	Type
entitlementLineItemIdentifierType	Complex Type

Definition

See entitlementLineItemIdentifierType

Element: uniqueId [type featureBundleIdentifierType]

Description

Unique database identifier of the feature bundle.

Derived By

Type string

Referenced By

Name	Type
featureBundleIdentifierType	Complex Type

Definition

See featureBundleIdentifierType

Element: uniqueId [type featureIdentifierType]

Description

Unique database identifier of the feature.

Derived By

Type string

Referenced By

Name	Type
featureIdentifierType	Complex Type

Definition

See featureIdentifierType

Element: uniqueId [type fulfillmentIdentifierType]

Description

Unique database identifier of the fulfillment.

Derived By

Type string

Referenced By

Name	Type
fulfillmentIdentifierType	Complex Type

Definition

See fulfillmentIdentifierType

Element: uniqueId [type licenseGeneratorIdentifierType]

Description

Unique database identifier of the license generator configuration.

Derived By

Type string

Referenced By

Name	Type
licenseGeneratorIdentifierType	Complex Type

Definition

See licenseGeneratorIdentifierType

Element: uniqueId [type licenseModelIdentifierType]

Description

Unique database identifier of the license model.

Derived By

Type string

Referenced By

Name	Type
licenseModelIdentifierType	Complex Type

Definition

See licenseModelIdentifierType

Element: uniqueId [type licenseTechnologyIdentifierType]

Description

Unique database identifier of the license technology.

Derived By

Type string

Referenced By

Name	Type
licenseTechnologyIdentifierType	Complex Type

Definition

See licenseTechnologyIdentifierType

Element: uniqueId [type maintenanceIdentifierType]

Description

Unique database identifier of the maintenance product.

Derived By

Type string

Referenced By

Name	Type
maintenanceIdentifierType	Complex Type

Definition

See maintenanceIdentifierType

Element: uniqueId [type partNumberIdentifierType]

Description

Unique database identifier of the part number.

Derived By

Type string

Referenced By

Name	Type
partNumberIdentifierType	Complex Type

Definition

See partNumberIdentifierType

Element: uniqueId [type partNumberIdentifierWithModelType]

Description

Unique database identifier of the part number.

Derived By

Type string

Referenced By

Name	Type
partNumberIdentifierWithModelType	Complex Type

Definition

See partNumberIdentifierWithModelType

Element: uniqueId [type productIdentifierType]

Description

Unique database identifier of the product.

Derived By

Type string

Referenced By

Name	Type
productIdentifierType	Complex Type

Definition

See productIdentifierType

Element: uniqueId [type roleIdentifierType]

Description

Role ID.

Derived By

Type string

Referenced By

Name	Type
roleIdentifierType	Complex Type

Definition

See roleIdentifierType

Element: uniqueId [type suiteIdentifierType]

Description

Unique database identifier of the suite.

Derived By

Type string

Referenced By

Name	Type
suiteIdentifierType	Complex Type

Definition

See suiteIdentifierType

Element: uniqueId [type trustedKeyIdentifierType]

Description

Unique database identifier of the transaction key.

Derived By

Type string

Referenced By

Name	Type
trustedKeyIdentifierType	Complex Type

Definition

See trustedKeyIdentifierType

Element: uniqueId [type userIdentifierType]

Description

User's unique ID.

Derived By

Type string

Referenced By

Name	Type
forceDeleteUserIdentifierType	Complex Type
userIdentifierType	Complex Type

Definition

See userIdentifierType

Element: updateAccountRequest

Description

An **updateAccountRequest** message contains one or more elements of updateAccountRequestType.

Derived By

Type updateAccountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctData	updateAcctDataType	1..*	Account to be updated. See updateAcctDataType.

Referenced By

Name	Type
updateAccount	Method

XML Example

The following XML fragment illustrates an **updateAccountRequest** message:

```
<updateAccountRequest>
   <acctData>
      <account>
         <primaryKeys>
            <id>ACME-MARK</id>
         </primaryKeys>
      </account>
      <id>ACME-MARKET</id>
      <name>ACME Marketing</name>
      <description>ACME Marketing North America</description>
      <address>
         <address1>456 Bush Street</address1>
         <address2>Suite 100</address2>
         <city>San Francisco</city>
         <state>CA</state>
         <zipcode>92222</zipcode>
         <country>US</country>
         <region>North America</region>
      </address>
      <relatedAccounts>
         <relatedAccount>
           <primaryKeys>
              <id>ACME-MARK-WEST</id>
           </primaryKeys>
         </relatedAccount>
         <opType>ADD</opType>
      </relatedAccounts>
      <subAccounts>
         <subAccount>
```

XML Example

```
                <primaryKeys>
                    <id>ACME-MARK-WEST</id>
                </primaryKeys>
            </subAccount>
            <opType>ADD</opType>
        </subAccounts>
    </acctData>
</updateAccountRequest>
```

Element: updateAccountResponse

Description

An **updateAccountResponse** message contains an element of updateAccountResponseType.

Derived By

Type updateAccountResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateAcctDataListType</td><td>0..1</td><td>See failedUpdateAcctDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateAccount	Method

XML Example

The following XML fragment illustrates a successful **updateAccountResponse** message:

```
<updateAccountResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
</updateAccountResponse>
```

Element: updateDomainUserRequest

Derived By

Type updateDomainUserRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	updateDomainUserDataType	1..*	

Referenced By

Name	Type
updateDomainUsers	Method

Element: updateDomainUserResponse

Derived By

Type updateDomainUserResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	StatusInfoType	1..1	

Element	Data Type	Description
status	StatusType	Returns one of the following: • SUCCESS—All features in the request were processed. • PARTIAL_FAILURE—Some, but not all features in the request were processed. The **getCount** and **getQuery** operations never return PARTIAL_FAILURE. • FAILURE—None of the features in the request were processed.
reason	string	Gives reason for partial failure or failure.

Content Model

Component	Type	Occurs	Description
failedData	failedUpdateDomainUserDataListType	0..1	See failedUpdateDomainUserDataListType
responseData	updatedDomainUserDataListType	0..1	See updatedDomainUserDataListType

Referenced By

Name	Type
updateDomainUsers	Method

Element: updateUserRequest

Description

An **updateUserRequest** message contains an element of updateUserRequestType.

Derived By

Type updateUserRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	updateUserDataType	1..*	User to be updated. See updateUserDataType.

Referenced By

Name	Type
updateUser	Method

XML Example

The following XML fragment illustrates an **updateUserRequest** message:

```
<updateUserRequest>
    <userData>
        <user>
            <userName>jsmith@example.com</userName>
        </user>
        <firstName>Jack</firstName>
        <lastName>Smith</lastName>
        <displayName>Jack Smith</displayName>
        <emailAddress>jsmith@example.com</emailAddress>
        <optIn>false</optIn>
        <phoneNumber>408-123-5678</phoneNumber>
        <faxNumber>408-123-8765</faxNumber>
        <street>4321 Main Street</street>
        <city>San Jose</city>
        <state>CA</state>
        <zipcode>95025</zipcode>
        <country>US</country>
        <status>Active</status>
        <locale>en_US</locale>
        <timezone>-08:00</timezone>
        <shared>false</shared>
        <acctRolesList>
            <acctRoles>
                <account>
                    <primaryKeys>
                        <id>WILY</id>
                    </primaryKeys>
                </account>
               <expiryDate>2020-09-25</expiryDate>
               <roles>
```

XML Example

```
                <role>
                    <primaryKeys>
                        <name>Portal User Role</name>
                    </primaryKeys>
                </role>
            </roles>
        </acctRoles>
        <opType>ADD</opType>
    </acctRolesList>
    <customAttributes>
        <attribute>
            <attributeName>NO_OF_OTHER_PRODUCTS<attributeName>
            <integerValue>2</integerValue>
        </attribute>
    </customAttributes>
  </userData>
</updateUserRequest>
```

Element: updateUserResponse

Description

An **updateUserResponse** message contains an element of updateUserResponseType.

Derived By

Type updateUserResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateUserDataListType</td><td>0..1</td><td>See failedUpdateUserDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateUser	Method

XML Example

The following XML fragment illustrates a successful **updateUserResponse** message:

```
<updateUserResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
</updateUserResponse>
```

Element: updateUserRolesRequest

Description

An **updateUserRolesRequest** message contains an element of updateUserRolesRequestType.

Derived By

Type updateUserRolesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	updateUserRolesDataType	1..*	User to be updated. See updateUserRolesDataType.

Referenced By

Name	Type
updateUserRoles	Method

XML Example

The following XML fragment illustrates an **updateUserRolesRequest** message:

```
<updateUserRolesRequest>
  <userData>
    <user>
      <userName>jsmith@example.com</userName>
    </user>
    <acctRoles>
      <account>
        <primaryKeys>
          <id>Delta</id>
        </primaryKeys>
      </account>
      <roles>
        <role>
          <primaryKeys>
            <name>Portal Admin User Role</name>
          </primaryKeys>
        </role>
        <opType>REPLACE</opType>
      </roles>
    </acctRoles>
  </userData>
</updateUserRolesRequest>
```

Element: updateUserRolesResponse

Description

An **updateUserRolesResponse** message contains an element of updateUserRolesResponseType.

Derived By

Type updateUserRolesResponseType

Content Model

Contains elements as defined in the following table.

<table>
<tr><th>Component</th><th>Type</th><th>Occurs</th><th>Description</th></tr>
<tr><td>SEQUENCE</td><td></td><td>1..1</td><td></td></tr>
<tr><td>statusInfo</td><td>StatusInfoType</td><td>1..1</td><td>
<table>
<tr><th>Element</th><th>Data Type</th><th>Description</th></tr>
<tr><td>status</td><td>StatusType</td><td>Returns one of the following:
SUCCESS—All features in the request were processed.
PARTIAL_FAILURE—Some, but not all features in the request were processed. The getCount and getQuery operations never return PARTIAL_FAILURE.
FAILURE—None of the features in the request were processed.</td></tr>
<tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr>
</table>
</td></tr>
<tr><td>failedData</td><td>failedUpdateUserRolesDataListType</td><td>0..1</td><td>See failedUpdateUserRolesDataListType.</td></tr>
</table>

Referenced By

Name	Type
updateUserRoles	Method

XML Example

The following XML fragment illustrates a successful **updateUserRolesResponse** message:

```
<updateUserRolesResponse>
    <statusInfo>
        <status>SUCCESS</status>
    </statusInfo>
</updateUserRolesResponse>
```

Element: user [type addDomainUserRequestType]

Derived By

Type addDomainUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userId	string	1..1	
domain	string	1..1	
roles	string	1..*	
optIn	boolean	0..1	
locale	string	0..1	
timeZone	string	0..1	
status	UserStatusType	0..1	
customAttributes	attributeDescriptorDataType	0..1	

Referenced By

Name	Type
addDomainUserRequestType	Complex Type

Definition

See addDomainUserRequestType

Element: user [type addedDomainUserDataListType]

Derived By

Type domainUserIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
primaryKeys	domainUserPKType	0..1	

Referenced By

Name	Type
addedDomainUserDataListType	Complex Type

Definition

See addedDomainUserDataListType

Element: user [type createdUserDataListType]

Description

See userIdentifierType.

Derived By

Type userIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	User's unique ID.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.

Referenced By

Name	Type
createdUserDataListType	Complex Type

Definition

See createdUserDataListType

Element: user [type createUserRequestType]

Description

Required. See createUserDataType.

Derived By

Type createUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
firstName	string	1..1	User first name. Required.
lastName	string	1..1	User last name. Required.
displayName	string	0..1	User's display name.
emailAddress	string	1..1	User's email address. Required.
optIn	boolean	0..1	Required. Does the user wish to receive email?
phoneNumber	string	0..1	User's phone number.
faxNumber	string	0..1	User's fax number.
street	string	0..1	Street portion of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Two-letter country code.
locale	string	0..1	User's locale.
canLogin	boolean	1..1	Can the user log in? If not, user information is kept only for contact purposes.
userName	string	0..1	User's FlexNet Operations login name. • If **canLogin** is set to false, this field is ignored. • if **canLogin** is set to true, this field is required. ***Important:*** *The user name must match the email address for the user. If the user name is set to something other than the user's email address, certain features such as accessing ESD components, may not be available.*

Content Model

Component	Type	Occurs	Description
status	UserStatusType	0..1	Status can be one of the following values: • Active • Inactive
timezone	UserTimeZoneType	0..1	Optional. Provide time zone setting in one of the following formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string and the time zone string is displayed when a user is retrieved.
shared	boolean	0..1	Is this a shared login among several users?
acctRolesList	createUserAccountsListType	1..1	Required. Set user's account and list of the user's roles. User name and roles are required if the user can log in. See createUserAccountsListType.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this user. See attributeDescriptorDataType.

Referenced By

Name	Type
createUserRequestType	Complex Type

Definition

See createUserRequestType

Element: user [type deleteDomainUserRequestType]

Derived By

Type domainUserIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
primaryKeys	domainUserPKType	0..1	

Referenced By

Name	Type
deleteDomainUserRequestType	Complex Type

Definition

See deleteDomainUserRequestType

Element: user [type deleteUserRequestType]

Description

User to be deleted. See userIdentifierType.

Derived By

Type forceDeleteUserIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	User's unique ID.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.
forceDelete	boolean	0..1	

Referenced By

Name	Type
deleteUserRequestType	Complex Type

Definition

See deleteUserRequestType

Element: user [type failedAddDomainUserDataType]

Derived By

Type addDomainUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userId	string	1..1	
domain	string	1..1	
roles	string	1..*	
optIn	boolean	0..1	
locale	string	0..1	
timeZone	string	0..1	
status	UserStatusType	0..1	
customAttributes	attributeDescriptorDataType	0..1	

Referenced By

Name	Type
failedAddDomainUserDataType	Complex Type

Definition

See failedAddDomainUserDataType

Element: user [type failedCreateUserDataType]

Description

See createUserDataType.

Derived By

Type createUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
firstName	string	1..1	User first name. Required.
lastName	string	1..1	User last name. Required.
displayName	string	0..1	User's display name.
emailAddress	string	1..1	User's email address. Required.
optIn	boolean	0..1	Required. Does the user wish to receive email?
phoneNumber	string	0..1	User's phone number.
faxNumber	string	0..1	User's fax number.
street	string	0..1	Street portion of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Two-letter country code.
locale	string	0..1	User's locale.
canLogin	boolean	1..1	Can the user log in? If not, user information is kept only for contact purposes.
userName	string	0..1	User's FlexNet Operations login name. • If **canLogin** is set to false, this field is ignored. • if **canLogin** is set to true, this field is required. ***Important:*** *The user name must match the email address for the user. If the user name is set to something other than the user's email address, certain features such as accessing ESD components, may not be available.*

Content Model

Component	Type	Occurs	Description
status	UserStatusType	0..1	Status can be one of the following values: • Active • Inactive
timezone	UserTimeZoneType	0..1	Optional. Provide time zone setting in one of the following formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string and the time zone string is displayed when a user is retrieved.
shared	boolean	0..1	Is this a shared login among several users?
acctRolesList	createUserAccountsListType	1..1	Required. Set user's account and list of the user's roles. User name and roles are required if the user can log in. See createUserAccountsListType.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this user. See attributeDescriptorDataType.

Referenced By

Name	Type
failedCreateUserDataType	Complex Type

Definition

See failedCreateUserDataType

Element: user [type failedDeleteDomainUserDataType]

Derived By

Type domainUserIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
primaryKeys	domainUserPKType	0..1	

Referenced By

Name	Type
failedDeleteDomainUserDataType	Complex Type

Definition

See failedDeleteDomainUserDataType

Element: user [type failedDeleteUserDataType]

Description

See userIdentifierType.

Derived By

Type forceDeleteUserIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	User's unique ID.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.
forceDelete	boolean	0..1	

Referenced By

Name	Type
failedDeleteUserDataType	Complex Type

Definition

See failedDeleteUserDataType

Element: user [type failedUpdateDomainUserDataType]

Derived By

Type updateDomainUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
domainUser	domainUserIdentifierType	1..1	
email	string	0..1	
organization	string	0..1	
roles	string	0..*	
optIn	boolean	0..1	
locale	string	0..1	
timeZone	string	0..1	
status	UserStatusType	0..1	
customAttributes	attributeDescriptorDataType	0..1	

Referenced By

Name	Type
failedUpdateDomainUserDataType	Complex Type

Definition

See failedUpdateDomainUserDataType

Element: user [type getUsersQueryResponseDataType]

Description

See userDetailDataType.

Derived By

Type userDetailDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userIdentifier	userIdentifierType	1..1	See userIdentifierType.
displayName	string	0..1	User's display name.
optIn	boolean	0..1	Does the user wish to receive email?
faxNumber	string	0..1	User's fax number.
street	string	0..1	Street portion of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Country in which contact is located. Provide country in the two-character ISO-3166 format.
status	UserStatusType	0..1	Status can be one of the following values: • Active • Inactive
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US.
timezone	UserTimeZoneType	0..1	Optional. Provide time zone setting in one of the followig formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string, and the time zone string is displayed when a user is retrieved.

Content Model

Component	Type	Occurs	Description
shared	boolean	0..1	Optional. Corresponds to the **Shared Login** control in the administrative console UI. The shared element can be true or false. • **true**—Shared Login is enabled for the user account. This is useful when the same user account is used to log in to FlexNet Operations simultaneously from different instances. Logged in history is not written to the database. • **false**—Shared Login is not enabled for the user account.
domain	string	0..1	User's domain.
dateCreated	dateTime	0..1	Date the user account was created.
dateLastModified	dateTime	0..1	Date the user account was last modified.
dateLastLogin	dateTime	0..1	Date of user's last login.
accountRolesList	userAccountsListType	0..1	List of the user's roles. See userAccountsListType.
expiryDate	date	0..1	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. **Note:** Because the field cannot contain a null value, to clear the expiry date for a user, you must edit the Expiry date field for the user in the FlexNet Operations Producer Portal. Alternatively, using the web services, the expiry date can be set to far enough in the future that it, in effect, never expires.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this user. See attributeDescriptorDataType.
createdBy	string	0..1	Name of the user who created the user account.
lastModifiedBy	string	0..1	Name of the user who last modified the user account.

Referenced By

Name	Type
getUsersQueryResponseDataType	Complex Type

Definition

See getUsersQueryResponseDataType

Element: user [type updatedDomainUserDataListType]

Derived By

Type domainUserIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	
primaryKeys	domainUserPKType	0..1	

Referenced By

Name	Type
updatedDomainUserDataListType	Complex Type

Definition

See updatedDomainUserDataListType

Element: user [type updateDomainUserRequestType]

Derived By

Type updateDomainUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
domainUser	domainUserIdentifierType	1..1	
email	string	0..1	
organization	string	0..1	
roles	string	0..*	
optIn	boolean	0..1	
locale	string	0..1	
timeZone	string	0..1	
status	UserStatusType	0..1	
customAttributes	attributeDescriptorDataType	0..1	

Referenced By

Name	Type
updateDomainUserRequestType	Complex Type

Definition

See updateDomainUserRequestType

Element: user [type updateUserDataType]

Description

Identifies the user being updated. See userIdentifierType. Required. All other elements are optional.

Derived By

Type userIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	User's unique ID.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: user [type updateUserRolesDataType]

Description

See userIdentifierType.

Derived By

Type userIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	User's unique ID.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.

Referenced By

Name	Type
updateUserRolesDataType	Complex Type

Definition

See updateUserRolesDataType

Element: userAccountExpiryData [type getUserAccountsExpiryQueryResponseDataType]

Description

See userAccountExpiryType.

Derived By

Type userAccountExpiryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	userDetailDataType	0..1	See userDetailDataType.
accountExpiryData	accountExpiryType	0..1	See accountExpiryType.

Referenced By

Name	Type
getUserAccountsExpiryQueryResponseDataType	Complex Type

Definition

See getUserAccountsExpiryQueryResponseDataType

Element: userData [type failedUpdateUserDataType]

Description

See updateUserDataType.

Derived By

Type updateUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	1..1	Identifies the user being updated. See userIdentifierType. Required. All other elements are optional.
firstName	string	0..1	User first name.
lastName	string	0..1	User last name.
displayName	string	0..1	User's display name.
emailAddress	string	0..1	User's email address.
optIn	boolean	0..1	Does the user wish to receive email?
phoneNumber	string	0..1	User's phone number.
faxNumber	string	0..1	User's fax number.
street	string	0..1	Street portion of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Optional. Country in which contact is located. Provide country in the two-character ISO-3166 format.
status	UserStatusType	0..1	Status can be one of the following values: • Active • Inactive
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US.

Content Model

Component	Type	Occurs	Description
timezone	UserTimeZoneType	0..1	Optional. Provide time zone setting in one of the following formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string and the time zone string is displayed when a user is retrieved.
shared	boolean	0..1	Is this a shared login among several users?
acctRolesList	updateUserAccountsListType	0..1	List of the user's roles. See updateUserAccountsListType.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this user. See attributeDescriptorDataType.

Referenced By

Name	Type
failedUpdateUserDataType	Complex Type

Definition

See failedUpdateUserDataType

Element: userData [type failedUpdateUserRolesDataType]

Description

See updateUserRolesDataType.

Derived By

Type updateUserRolesDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	1..1	See userIdentifierType.
accountRoles	updateUserAccountRolesDataType	1..1	See updateUserAccountRolesDataType.

Referenced By

Name	Type
failedUpdateUserRolesDataType	Complex Type

Definition

See failedUpdateUserRolesDataType

Element: userData [type updateUserRequestType]

Description

User to be updated. See updateUserDataType.

Derived By

Type updateUserDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	1..1	Identifies the user being updated. See userIdentifierType. Required. All other elements are optional.
firstName	string	0..1	User first name.
lastName	string	0..1	User last name.
displayName	string	0..1	User's display name.
emailAddress	string	0..1	User's email address.
optIn	boolean	0..1	Does the user wish to receive email?
phoneNumber	string	0..1	User's phone number.
faxNumber	string	0..1	User's fax number.
street	string	0..1	Street portion of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Optional. Country in which contact is located. Provide country in the two-character ISO-3166 format.
status	UserStatusType	0..1	Status can be one of the following values: • Active • Inactive
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US.

Content Model

Component	Type	Occurs	Description
timezone	UserTimeZoneType	0..1	Optional. Provide time zone setting in one of the following formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string and the time zone string is displayed when a user is retrieved.
shared	boolean	0..1	Is this a shared login among several users?
acctRolesList	updateUserAccountsListType	0..1	List of the user's roles. See updateUserAccountsListType.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this user. See attributeDescriptorDataType.

Referenced By

Name	Type
updateUserRequestType	Complex Type

Definition

See updateUserRequestType

Element: userData [type updateUserRolesRequestType]

Description

User to be updated. See updateUserRolesDataType.

Derived By

Type updateUserRolesDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	userIdentifierType	1..1	See userIdentifierType.
accountRoles	updateUserAccountRolesDataType	1..1	See updateUserAccountRolesDataType.

Referenced By

Name	Type
updateUserRolesRequestType	Complex Type

Definition

See updateUserRolesRequestType

Element: userData [type userAccountExpiryType]

Description

See userDetailDataType.

Derived By

Type userDetailDataType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userIdentifier	userIdentifierType	1..1	See userIdentifierType.
displayName	string	0..1	User's display name.
optIn	boolean	0..1	Does the user wish to receive email?
faxNumber	string	0..1	User's fax number.
street	string	0..1	Street portion of address.
city	string	0..1	City portion of address.
state	string	0..1	State portion of address.
zipcode	string	0..1	Postal code.
country	string	0..1	Country in which contact is located. Provide country in the two-character ISO-3166 format.
status	UserStatusType	0..1	Status can be one of the following values: • Active • Inactive
locale	string	0..1	Optional. A string containing one of the locale settings supported by Java, for example, en_US.
timezone	UserTimeZoneType	0..1	Optional. Provide time zone setting in one of the followig formats: • ISO-8601 format (+/-hh:mm) as an offset from GMT. For example, -08:00 or +05:30 (note that the string GMT is not included in the value). A value of Z corresponds to GMT. • GMT#.#DST# When a user is saved, this offset is converted to a time zone string, and the time zone string is displayed when a user is retrieved.

Content Model

Component	Type	Occurs	Description
shared	boolean	0..1	Optional. Corresponds to the **Shared Login** control in the administrative console UI. The shared element can be true or false. • **true**—Shared Login is enabled for the user account. This is useful when the same user account is used to log in to FlexNet Operations simultaneously from different instances. Logged in history is not written to the database. • **false**—Shared Login is not enabled for the user account.
domain	string	0..1	User's domain.
dateCreated	dateTime	0..1	Date the user account was created.
dateLastModified	dateTime	0..1	Date the user account was last modified.
dateLastLogin	dateTime	0..1	Date of user's last login.
accountRolesList	userAccountsListType	0..1	List of the user's roles. See userAccountsListType.
expiryDate	date	0..1	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. **Note:** Because the field cannot contain a null value, to clear the expiry date for a user, you must edit the Expiry date field for the user in the FlexNet Operations Producer Portal. Alternatively, using the web services, the expiry date can be set to far enough in the future that it, in effect, never expires.
customAttributes	attributeDescriptorDataType	0..1	Custom attributes attached to this user. See attributeDescriptorDataType.
createdBy	string	0..1	Name of the user who created the user account.
lastModifiedBy	string	0..1	Name of the user who last modified the user account.

Referenced By

Name	Type
userAccountExpiryType	Complex Type

Definition

See userAccountExpiryType

Element: userId [type addDomainUserDataType]

Derived By

Type string

Referenced By

Name	Type
addDomainUserDataType	Complex Type

Definition

See addDomainUserDataType

Element: userIdentifier [type userDetailDataType]

Description

See userIdentifierType.

Derived By

Type userIdentifierType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	User's unique ID.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: userName [type createUserDataType]

Description

User's FlexNet Operations login name.

- If **canLogin** is set to false, this field is ignored.
- if **canLogin** is set to true, this field is required.

Important: *The user name must match the email address for the user. If the user name is set to something other than the user's email address, certain features such as accessing ESD components, may not be available.*

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: userName [type domainUserPKType]

Derived By

Type string

Referenced By

Name	Type
domainUserPKType	Complex Type

Definition

See domainUserPKType

Element: userName [type getUserPermissionsRequestType]

Description

The username for which permissions will be retrieved.

Derived By

Type string

Referenced By

Name	Type
getUserPermissionsRequestType	Complex Type

Definition

See getUserPermissionsRequestType

Element: userName [type getUserPermissionsResponseDataType]

Description

The username from the input.

Derived By

Type string

Referenced By

Name	Type
getUserPermissionsResponseDataType	Complex Type

Definition

See getUserPermissionsResponseDataType

Element: userName [type userIdentifierType]

Description

User's FlexNet Operations login name.

Derived By

Type string

Referenced By

Name	Type
forceDeleteUserIdentifierType	Complex Type
userIdentifierType	Complex Type

Definition

See userIdentifierType

Element: userName [type userQueryParametersType]

Description

User's FNO user name.

- If **canLogin** is set to false, this fields is ignored.
- If **canLogin** is set to true, this field is required.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: usersFromLinkedAccount [type userQueryParametersType]

Description

A query for a parent account ID with **usersFromLinkedAccount** set to **true** would return users from all sub-accounts that are directly linked to the parent account.

The field is available for the getUsersQuery and getUsersCount operations.

Derived By

Type boolean

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

Element: validValues [type attributeMetaDescriptorType]

Derived By

Type valueType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	0..*	Valid values for a MULTI_VALUED_TEXT license model attribute.

Referenced By

Name	Type
attributeMetaDescriptorType	Complex Type

Definition

See attributeMetaDescriptorType

Element: value [type DateQueryType]

Description

A date value to compare.

Derived By

Type date

Referenced By

Name	Type
DateQueryType	Complex Type

Definition

See DateQueryType

Element: value [type DateTimeQueryType]

Description

A date and time value to compare to the last modified date and time value. For example, 2011-05-04T22:00:00.

Derived By

Type dateTime

Referenced By

Name	Type
DateTimeQueryType	Complex Type

Definition

See DateTimeQueryType

Element: value [type NumberQueryType]

Description

Number to match part or all of the attribute value.

Derived By

Type integer

Referenced By

Name	Type
NumberQueryType	Complex Type

Definition

See NumberQueryType

Element: value [type SimpleQueryType]

Derived By

Type string

Referenced By

Name	Type
SimpleQueryType	Complex Type

Definition

See SimpleQueryType

Element: value [type StateQueryType]

Description

StateType value of TEST, DRAFT, DEPLOYED, INACTIVE, OBSOLETE to match part or all of the state value.

Derived By

Type StateType

Enumeration

Value	Description
DRAFT	
ACTIVE	
INACTIVE	
DEPLOYED	
OBSOLETE	
TEST	
ON_HOLD	

Referenced By

Name	Type
StateQueryType	Complex Type

Definition

See StateQueryType

Element: value [type valueType]

Description

Valid values for a MULTI_VALUED_TEXT license model attribute.

Derived By

Type string

Referenced By

Name	Type
valueType	Complex Type

Definition

See valueType

Element: value [type VersionFormatQueryType]

Description

VersionFormatType of FIXED or DATE_BASED.

Derived By

Type VersionFormatType

Enumeration

Value	Description
FIXED	
DATE_BASED	

Referenced By

Name	Type
VersionFormatQueryType	Complex Type

Definition

See VersionFormatQueryType

Element: version [type featurePKType]

Description

The **version** of the feature.

Derived By

Type string

Referenced By

Name	Type
featurePKType	Complex Type

Definition

See featurePKType

Element: version [type maintenancePKType]

Description

The **version** of the maintenance product.

Derived By

Type string

Referenced By

Name	Type
maintenancePKType	Complex Type

Definition

See maintenancePKType

Element: version [type productPKType]

Description

The **version** of the product.

Derived By

Type string

Referenced By

Name	Type
productPKType	Complex Type

Definition

See productPKType

Element: version [type suitePKType]

Description

The **version** of the suite.

Derived By

Type string

Referenced By

Name	Type
suitePKType	Complex Type

Definition

See suitePKType

Element: versionOption [type versionDateAttributesType]

Description

See VersionDateOptionType.

Derived By

Type VersionDateOptionType

Enumeration

Value	Description
DEFINE_NOW	
USE_START_DATE	
USE_ACTIVATION_DATE	
DEFINE_VERSION_STARTDATE_LATER	
DEFINE_VERSION_DATE_LATER	

Referenced By

Name	Type
versionDateAttributesType	Complex Type

Definition

See versionDateAttributesType

Element: visible [type accountDataType]

Description

Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.

Derived By

Type boolean

Referenced By

Name	Type
accountDataType	Complex Type

Definition

See accountDataType

Element: visible [type accountDetailDataType]

Description

Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.

Derived By

Type boolean

Referenced By

Name	Type
accountDetailDataType	Complex Type

Definition

See accountDetailDataType

Element: visible [type updateAcctDataType]

Description

Optional. Applicable to CUSTOMER and CHANNEL_PARTNER accounts, visible determines whether or not an account unrelated to this account can see the name of this account when it is in a channel partner tier of an entitlement, line item, or device. If visible is false, this account will appear as **Name Withheld** to unrelated accounts. Default: true.

Derived By

Type boolean

Referenced By

Name	Type
updateAcctDataType	Complex Type

Definition

See updateAcctDataType

Element: zipcode [type accountQueryParametersType]

Description

Postal code.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
accountQueryParametersType	Complex Type

Definition

See accountQueryParametersType

Element: zipcode [type addressDataType]

Description

Postal code.

Derived By

Type string

Referenced By

Name	Type
addressDataType	Complex Type

Definition

See addressDataType

Element: zipcode [type createUserDataType]

Description

Postal code.

Derived By

Type string

Referenced By

Name	Type
createUserDataType	Complex Type

Definition

See createUserDataType

Element: zipcode [type updateUserDataType]

Description

Postal code.

Derived By

Type string

Referenced By

Name	Type
updateUserDataType	Complex Type

Definition

See updateUserDataType

Element: zipcode [type userDetailDataType]

Description

Postal code.

Derived By

Type string

Referenced By

Name	Type
userDetailDataType	Complex Type

Definition

See userDetailDataType

Element: zipcode [type userQueryParametersType]

Description

Postal code.

Derived By

Type SimpleQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Referenced By

Name	Type
userQueryParametersType	Complex Type

Definition

See userQueryParametersType

ManageDeviceService Web Service

Description

Web service to manage devices.

Introduction

The Device Management service enables management of hardware devices.

License Restrictions

Some license restrictions govern the use of the Device Management service:

- You must have a FLEXnetOps.FLEXnetEmbedded license to use the Device Management service
- You must have a FLEXnetOps.MultiTierSupport license to specify partner tiers other than the default (endcustomer and tier1) tiers.

In both cases, if you haven't installed a required license, FlexNet Operations returns an error:

ERROR Initialization Failed - Unable to set/verify permissions.

Methods: ManageDeviceService

Methods

Name	Description
countDevices	The **countDevices** operation takes one or more query parameters to return the number of matching devices. If no specific query parameters are provided in the <queryParams> element, the number of **active** SERVER and CLIENT devices is returned.
createDevice	The **createDevice** operation operation takes information about one or more client or server devices and adds them to FlexNet Operations. Devices are created in the Active state.
decrementAddonLineItems	The **decrementAddonLineItems** operation takes one or many devices and decrements entitlement line items to the devices. To decrement a line item on a simple entitlement to a device, the entitlement must belong to the same soldTo and the product must use the same host type as the device. When a web register key is decremented, it will be redeemed and the soldTo of the device will be assigned to the simple entitlement line item that is created. If decrementing for a device fails, then the failed devices are displayed in the response data. The **decrementAddonLineItems** operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration **Allow Removing or Reducing Metered Features From a License Server** must be selected (under **System > Configure > Embedded Devices > Host Options**) in the Producer Portal.
deleteAddonLineItems	The **deleteAddonLineItems** operation takes one or many devices and deletes entitlement line items from the devices. If deleting for a device fails, then the failed devices are displayed in the response data. The **deleteAddonLineItems** operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration **Allow Removing or Reducing Metered Features From a License Server** must be selected (under **System > Configure > Embedded Devices > Host Options**) in the Producer Portal.
deleteDevice	The **deleteDevice** operation deletes one or more hardware devices.
generateCapabilityResponse	The **generateCapabilityResponse** operation generates capability responses for one or more devices, either from a submitted capability request or from input data that comprises a capability request. This operation optionally maps activation IDs and generates a buffer response for client devices; in the absence of optional input parameters, a capability response is generated. The generateCapabilityResponse operation returns an error for requests to: • generate a buffer response for a server device • generate a buffer response for a client device that previously received a capability response • generate a capability response for a client device that previously received a buffer response • remove or decrease copies of client device buffer licenses ***Note:*** *This operation is only for client and server devices, not served clients.* The **generateCapabilityResponse** operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration **Allow**

Methods

Name	Description
	Removing or Reducing Metered Features From a License Server must be selected (under **System > Configure > Embedded Devices > Host Options**) in the Producer Portal. **Generating from Capability Requests** This mode allows a collection of base-64 encoded binary capability requests to be uploaded in one web service operation, licenses (capability and buffer responses) generated or re-generated, as appropriate, and returned to the caller. In this mode, the behavior is identical to the devices being directly connected and receiving responses (or as if requests were uploaded for offline activation), including the ability to register unknown devices if FlexNet Operations is configured to allow adding unknown devices. Confirmation of license removal is possible, and empty responses are returned if nothing changes on the client. In the case of a buffer response, a license cannot be returned (in other words, the count cannot be decreased). The binary responses are returned with base-64 encoding, and wrapped in XML elements that identify the device for which they are intended. **Generating from Web Service Parameters** This mode bypasses the need for the caller to get or create binary capability requests. The caller specifies the hostid of each device to be processed, and optionally supplies the force generation flag, the last update time, and vendor dictionary entries. ***Note:*** *If the last update time information is not supplied, the time used is the logical beginning of time. In this case, it is not possible to confirm removal of licenses in the usual way. To support return operations without the last update time, either set the configuration parameter to skip confirmation (which applies to all devices) or define the DeviceRequestHandler.handleResponse call-out to skip confirmation for devices that require special treatment. For example, the handleResponse call-out could be used to skip confirmation only for node-locked licenses (requests coming from clients) but not for served licenses.*
generateCloneDetectionReport	If the setting for "Clone Detection" is enabled in FNO UI under **System > Configure > Embedded Devices > Host Options**, then FNO is capable of detecting if multiple devices are sending in duplicate caprequests to the CLS server (i.e. a fraud). FNO and LFS starts tracking these as duplicate devices as "Clone Suspects". This web-service helps users to identify such clone-suspects. The inputs required are the enterpriseID (that identifies the account) and the startDate and endDate in which the clone-suspects should be listed.
generatePrebuiltLicense	The **generatePrebuiltLicense** service takes one or many devices and generates pre-installed licenses for the devices. If the pre-installed license has already been generated, it is regenerated. There are no restrictions on how many times a pre-installed license can be regenerated.
getAutoProvisionedServer	The **getAutoProvisionedServer** operation returns the default Cloud License Server for the enterprise, if one exists.
getDevice	The **getDevice** operation takes a unique device identifier and returns that device's data. **NOTE**: The **getDevice** SOAP service returns only the activation ID details for any device of deviceClass CLIENT, SERVER. The features are returned in the response for deviceClass SERVED_CLIENT only.

Methods

Name	Description
getDeviceCount	The **getDeviceCount** operation takes one or more query parameters to return the number of matching devices. If no specific query parameters are provided in the <queryParams> element, the total number of devices is returned.
getDevicesQuery	The **getDevicesQuery** operation takes one or more query parameters to return the matching devices. If no specific query parameters are provided in the <**queryParams**> element, all devices are returned. **Note:** Starting with FlexNet Operations 2018 Release 2, the **getDevicesQuery** operation is obsolete. Use **searchDevices** instead.
incrementAddonLineItems	The **incrementAddonLineItems** operation takes one or many devices and increments entitlement line items to the devices. To increment a line item on a simple entitlement to a device, the entitlement must belong to the same soldTo and the product must use the same host type as the device. When a web register key is incremented, it will be redeemed and the soldTo of the device will be assigned to the simple entitlement line item that is created. If incrementing for a device fails, then the failed devices are displayed in the response data.
linkAddonLineItems	The **linkAddonLineItems** operation takes one or many devices and links entitlement line items to the devices. To link a line item on a simple entitlement to a device, the entitlement must belong to the same soldTo and the product must use the same host type as the device. When a web register key is linked, it will be redeemed and the soldTo of the device will be assigned to the simple entitlement line item that is created. If linking for a device fails, then the failed devices are displayed in the response data. The **linkAddonLineItems** operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration **Allow Removing or Reducing Metered Features From a License Server** must be selected (under **System > Configure > Embedded Devices > Host Options**) in the Producer Portal.
moveDevice	The **moveDevice** operation moves a device from one account to a related account. A device that has not yet been assigned as sold-to a customer can be moved. For example, the parent account can move the device from one of its child accounts (a regional division, for instance) to another child account. When a device is moved, any entitlements that belong to that device are moved as well. The result of such a move is to either create new entitlements for the receiving account or to increment the count of that account's exising, matching entitlements by the count on the device that was moved.
obsoleteHost	The **obsoleteHost** operation returns all licenses and sets the status of host to "OBSOLETE". Host id is appended with the timestamp and word "OBSOLETE".
returnHost	The **returnHost** operation returns all licenses and sets the status of host to "RETURNED". If a target host is supplied, licenses are transferred to the target host.

Methods

Name	Description
searchDevices	The **searchDevices** operation takes one or more query parameters and returns the matching devices. If no specific query parameters are provided in the **<queryParams>** element, all active CLIENT and SERVER devices are returned. You can use **<responseConfig>** to limit which fields are returned; however, **searchDevices** returns host identifier and last modified information only if no response configuration is specified. There are certain details that the **searchDevices** operation does not return; if more details are required for any of the devices found, use **getDevice** to retrieve them. The optional **SortBys** element enables sorting of the devices returned by **searchDevices**. **Note**: Although the WSDL allows the use of multiple **sortBy** elements, **searchDevices** currently only supports sorting by a single key. **Note**: By default, a search for devices by device owner (account ID or account name) also returns devices that are not owned by the account specified in the search, if the device has add-on license entitlements mapped from the account specified in the search. If you want to limit the results to devices owned by the account specified in the search, select the configuration option **Limit device search by device owner** (available in the Producer Portal under **System** > **Configure** > **FlexNet Operations** > **Embedded Device Settings**).
updateDevice	The **updateDevice** operation updates one or more hardware devices.
zeroCountAddonLineItems	Enables producers to explicitly set an activation ID with a zero allocation mapping on a Cloud License Server (CLS) instance. Using this method, customers can clearly distinguish between activation IDs that are fully entitled for allocation (full count) and those that are restricted for allocation on the CLS. By explicitly creating a zero allocation mapping, producers can track and manage entitlement behavior accurately, improving license compliance and allocation control across their deployments. This method is behind the **Allow mapping zero counts to FlexNet Embedded devices** setting in the FlexNet Operations Producer Portal, which is located under **System > Configure > FlexNet Operations > Embedded Device Settings**.

Method: countDevices

Description

The **countDevices** operation takes one or more query parameters to return the number of matching devices. If no specific query parameters are provided in the <queryParams> element, the number of **active** SERVER and CLIENT devices is returned.

Parameters

Name	Type	Direction	Description
msgparameters	countDevicesRequestType	Input	

Returns

A countDevicesResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedCountDevicesData	See failedCountDevicesData.
responseData	countDevicesResponseData	See countDevicesResponseData.

Method: createDevice

Description

The **createDevice** operation operation takes information about one or more client or server devices and adds them to FlexNet Operations. Devices are created in the Active state.

Parameters

Name	Type	Direction	Description
msgparameters	createDevRequestType	Input	

Returns

A createDeviceResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedCreateDevDataListType	See failedCreateDevDataListType.
responseData	createdDeviceDataListType	See createdDeviceDataListType.

Method: decrementAddonLineItems

Description

The **decrementAddonLineItems** operation takes one or many devices and decrements entitlement line items to the devices.

To decrement a line item on a simple entitlement to a device, the entitlement must belong to the same soldTo and the product must use the same host type as the device. When a web register key is decremented, it will be redeemed and the soldTo of the device will be assigned to the simple entitlement line item that is created.

If decrementing for a device fails, then the failed devices are displayed in the response data.

The **decrementAddonLineItems** operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration **Allow Removing or Reducing Metered Features From a License Server** must be selected (under **System > Configure > Embedded Devices > Host Options**) in the Producer Portal.

Parameters

Name	Type	Direction	Description
msgparameters	linkAddonLineItemsRequestType	Input	

Returns

A decrementAddonLineItemsResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	linkFailAddonDataListType	See linkFailAddonDataListType.
responseData	successAddonDataListType	See successAddonDataListType.

Method: deleteAddonLineItems

Description

The **deleteAddonLineItems** operation takes one or many devices and deletes entitlement line items from the devices.

If deleting for a device fails, then the failed devices are displayed in the response data.

The **deleteAddonLineItems** operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration **Allow Removing or Reducing Metered Features From a License Server** must be selected (under **System > Configure > Embedded Devices > Host Options**) in the Producer Portal.

Parameters

Name	Type	Direction	Description
msgparameters	deleteAddonLineItemsRequestType	Input	

Returns

A deleteAddonLineItemsResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	deleteFailAddonDataListType	See deleteFailAddonDataListType.
responseData	successAddonDataListType	See successAddonDataListType.

Method: deleteDevice

Description

The **deleteDevice** operation deletes one or more hardware devices.

Parameters

Name	Type	Direction	Description
msgparameters	deleteDeviceRequestType	Input	

Returns

A deleteDeviceResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedDeleteDevDataListType	See failedDeleteDevDataListType.

Method: generateCapabilityResponse

Description

The **generateCapabilityResponse** operation generates capability responses for one or more devices, either from a submitted capability request or from input data that comprises a capability request. This operation optionally maps activation IDs and generates a buffer response for client devices; in the absence of optional input parameters, a capability response is generated. The generateCapabilityResponse operation returns an error for requests to:

- generate a buffer response for a server device
- generate a buffer response for a client device that previously received a capability response
- generate a capability response for a client device that previously received a buffer response
- remove or decrease copies of client device buffer licenses

Note: *This operation is only for client and server devices, not served clients.*

The **generateCapabilityResponse** operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration **Allow Removing or Reducing Metered Features From a License Server** must be selected (under **System > Configure > Embedded Devices > Host Options**) in the Producer Portal.

Generating from Capability Requests

This mode allows a collection of base-64 encoded binary capability requests to be uploaded in one web service operation, licenses (capability and buffer responses) generated or re-generated, as appropriate, and returned to the caller. In this mode, the behavior is identical to the devices being directly connected and receiving responses (or as if requests were uploaded for offline activation), including the ability to register unknown devices if FlexNet Operations is configured to allow adding unknown devices. Confirmation of license removal is possible, and empty responses are returned if nothing changes on the client. In the case of a buffer response, a license cannot be returned (in other words, the count cannot be decreased). The binary responses are returned with base-64 encoding, and wrapped in XML elements that identify the device for which they are intended.

Generating from Web Service Parameters

This mode bypasses the need for the caller to get or create binary capability requests. The caller specifies the hostid of each device to be processed, and optionally supplies the force generation flag, the last update time, and vendor dictionary entries.

Note: *If the last update time information is not supplied, the time used is the logical beginning of time. In this case, it is not possible to confirm removal of licenses in the usual way. To support return operations without the last update time, either set the configuration parameter to skip confirmation (which applies to all devices) or define the DeviceRequestHandler.handleResponse call-out to skip confirmation for devices that require special treatment. For example, the handleResponse call-out could be used to skip confirmation only for node-locked licenses (requests coming from clients) but not for served licenses.*

Parameters

Name	Type	Direction	Description
msgparameters	generateCapabilityResponseRequestType	Input	

Returns

A generateCapabilityResponseResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedGenerateCapabilityResponseDataType	See failedGenerateCapabilityResponseDataType.
responseData	generateCapabilityResponseDataType	See generateCapabilityResponseDataType.

Method: generateCloneDetectionReport

Description

If the setting for "Clone Detection" is enabled in FNO UI under **System > Configure > Embedded Devices > Host Options**, then FNO is capable of detecting if multiple devices are sending in duplicate caprequests to the CLS server (i.e. a fraud). FNO and LFS starts tracking these as duplicate devices as "Clone Suspects". This web-service helps users to identify such clone-suspects. The inputs required are the enterpriseID (that identifies the account) and the startDate and endDate in which the clone-suspects should be listed.

Parameters

Name	Type	Direction	Description
msgparameters	generateCloneDetectionReportRequest	Input	

Returns

A generateCloneDetectionReportResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
cloneSuspects	anyType (restriction)	See cloneSuspect.

Method: generatePrebuiltLicense

Description

The **generatePrebuiltLicense** service takes one or many devices and generates pre-installed licenses for the devices. If the pre-installed license has already been generated, it is regenerated. There are no restrictions on how many times a pre-installed license can be regenerated.

Parameters

Name	Type	Direction	Description
msgparameters	generatePrebuiltLicenseRequestType	Input	

Returns

A generatePrebuiltLicenseResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedGeneratePrebuiltLicenseDataListType	See failedGeneratePrebuiltLicenseDataListType.
responseData	generatePrebuiltLicenseDataListType	See generatePrebuiltLicenseListType.

Method: getAutoProvisionedServer

Description

The **getAutoProvisionedServer** operation returns the default Cloud License Server for the enterprise, if one exists.

Parameters

Name	Type	Direction	Description
msgparameters	getAutoProvisionedServerRequest	Input	

Returns

A getAutoProvisionedServerResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
cloudLicenseServer	deviceIdentifier	See deviceIdentifier.

Method: getDevice

Description

The **getDevice** operation takes a unique device identifier and returns that device's data.

NOTE: The **getDevice** SOAP service returns only the activation ID details for any device of deviceClass CLIENT, SERVER. The features are returned in the response for deviceClass SERVED_CLIENT only.

Parameters

Name	Type	Direction	Description
msgparameters	getDeviceRequestType	Input	

Returns

A getDeviceResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedDevice	failedGetDeviceDataType	See failedGetDeviceDataType.
device	getDeviceResponseData	See getDeviceResponseData.

Method: getDeviceCount

Description

The **getDeviceCount** operation takes one or more query parameters to return the number of matching devices. If no specific query parameters are provided in the <queryParams> element, the total number of devices is returned.

Parameters

Name	Type	Direction	Description
msgparameters	getDevicesCountRequestType	Input	

Returns

A getDeviceCountResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedGetDevicesDataType	See failedGetDevicesDataType.
responseData	getDeviceCountResponseDataType	See getDeviceCountResponseDataType.

Method: getDevicesQuery

Description

The **getDevicesQuery** operation takes one or more query parameters to return the matching devices. If no specific query parameters are provided in the <**queryParams**> element, all devices are returned.

Note: Starting with FlexNet Operations 2018 Release 2, the **getDevicesQuery** operation is obsolete. Use **searchDevices** instead.

Parameters

Name	Type	Direction	Description
msgparameters	getDevicesRequestType	Input	

Returns

A getDevicesResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedGetDevicesDataType	See failedGetDevicesDataType.
responseData	getDevicesResponseDataType	See getDevicesResponseDataType.

Method: incrementAddonLineItems

Description

The **incrementAddonLineItems** operation takes one or many devices and increments entitlement line items to the devices.

To increment a line item on a simple entitlement to a device, the entitlement must belong to the same soldTo and the product must use the same host type as the device. When a web register key is incremented, it will be redeemed and the soldTo of the device will be assigned to the simple entitlement line item that is created.

If incrementing for a device fails, then the failed devices are displayed in the response data.

Parameters

Name	Type	Direction	Description
msgparameters	linkAddonLineItemsRequestType	Input	

Returns

A incrementAddonLineItemsResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	linkFailAddonDataListType	See linkFailAddonDataListType.
responseData	successAddonDataListType	See successAddonDataListType.

Method: linkAddonLineItems

Description

The **linkAddonLineItems** operation takes one or many devices and links entitlement line items to the devices.

To link a line item on a simple entitlement to a device, the entitlement must belong to the same soldTo and the product must use the same host type as the device. When a web register key is linked, it will be redeemed and the soldTo of the device will be assigned to the simple entitlement line item that is created.

If linking for a device fails, then the failed devices are displayed in the response data.

The **linkAddonLineItems** operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration **Allow Removing or Reducing Metered Features From a License Server** must be selected (under **System > Configure > Embedded Devices > Host Options**) in the Producer Portal.

Parameters

Name	Type	Direction	Description
msgparameters	linkAddonLineItemsRequestType	Input	

Returns

A linkAddonLineItemsResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	linkFailAddonDataListType	See linkFailAddonDataListType.
responseData	successAddonDataListType	See successAddonDataListType.

Method: moveDevice

Description

The **moveDevice** operation moves a device from one account to a related account. A device that has not yet been assigned as sold-to a customer can be moved. For example, the parent account can move the device from one of its child accounts (a regional division, for instance) to another child account.

When a device is moved, any entitlements that belong to that device are moved as well. The result of such a move is to either create new entitlements for the receiving account or to increment the count of that account's exising, matching entitlements by the count on the device that was moved.

Parameters

Name	Type	Direction	Description
msgparameters	moveDeviceRequestType	Input	

Returns

A moveDeviceResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedMoveDeviceListDataType	See failedMoveDeviceListDataType.

Method: obsoleteHost

Description

The **obsoleteHost** operation returns all licenses and sets the status of host to "OBSOLETE". Host id is appended with the timestamp and word "OBSOLETE".

Parameters

Name	Type	Direction	Description
msgparameters	obsoleteHostRequestListType	Input	

Returns

A obsoleteHostResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedObsoleteHostListDataType	See failedObsoleteHostListDataType.

Method: returnHost

Description

The **returnHost** operation returns all licenses and sets the status of host to "RETURNED". If a target host is supplied, licenses are transferred to the target host.

Parameters

Name	Type	Direction	Description
msgparameters	returnHostRequestListType	Input	

Returns

A returnHostResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedReturnHostListDataType	See failedReturnHostListDataType.

Method: searchDevices

Description

The **searchDevices** operation takes one or more query parameters and returns the matching devices. If no specific query parameters are provided in the **<queryParams>** element, all active CLIENT and SERVER devices are returned. You can use **<responseConfig>** to limit which fields are returned; however, **searchDevices** returns host identifier and last modified information only if no response configuration is specified. There are certain details that the **searchDevices** operation does not return; if more details are required for any of the devices found, use **getDevice** to retrieve them.

The optional **SortBys** element enables sorting of the devices returned by **searchDevices**.

Note: Although the WSDL allows the use of multiple **sortBy** elements, **searchDevices** currently only supports sorting by a single key.

Note: By default, a search for devices by device owner (account ID or account name) also returns devices that are not owned by the account specified in the search, if the device has add-on license entitlements mapped from the account specified in the search. If you want to limit the results to devices owned by the account specified in the search, select the configuration option **Limit device search by device owner** (available in the Producer Portal under **System** > **Configure** > **FlexNet Operations** > **Embedded Device Settings**).

Parameters

Name	Type	Direction	Description
msgparameters	searchDevicesRequestType	Input	

Returns

A searchDevicesResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failed	failedSearchDevicesData	See failedSearchDevicesData.
devices	searchDevicesResponseData	See searchDevicesResponseData.

Method: updateDevice

Description

The **updateDevice** operation updates one or more hardware devices.

Parameters

Name	Type	Direction	Description
msgparameters	updateDevRequestType	Input	

Returns

A updateDeviceResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	failedUpdateDevDataListType	See failedUpdateDevDataListType.
responseData	updatedDeviceDataListType	See updatedDeviceDataListType.

Method: zeroCountAddonLineItems

Description

Enables producers to explicitly set an activation ID with a zero allocation mapping on a Cloud License Server (CLS) instance. Using this method, customers can clearly distinguish between activation IDs that are fully entitled for allocation (full count) and those that are restricted for allocation on the CLS.

By explicitly creating a zero allocation mapping, producers can track and manage entitlement behavior accurately, improving license compliance and allocation control across their deployments.

This method is behind the **Allow mapping zero counts to FlexNet Embedded devices** setting in the FlexNet Operations Producer Portal, which is located under **System > Configure > FlexNet Operations > Embedded Device Settings**.

Parameters

Name	Type	Direction	Description
msgparameters	linkAddonLineItemsRequestType	Input	

Returns

A zeroCountAddonLineItemsResponse element having the structure defined by the following table.

Name	Type	Description
statusInfo	OpsEmbeddedStatusInfoType	See OpsEmbeddedStatusInfoType.
failedData	linkFailAddonDataListType	See linkFailAddonDataListType.
responseData	successAddonDataListType	See successAddonDataListType.

Complex Types: ManageDeviceService

Complex Types

Name
accountIdentifierType
accountPKType
addonData
addonLineItemDataDataType
attributeDescriptorDataType
attributeDescriptorType
capabilityRequestType
capabilityResponseDataType
channelPartnerDataListType
channelPartnerDataType
cloneSuspect
countDevicesRequestType
countDevicesResponseData
countDevicesResponseType
createdDeviceDataListType
createDeviceIdentifier
createDevRequestType
createDevResponseType
customAttributeDescriptorDataType
customAttributeDescriptorType
customAttributeQueryType
customAttributesQueryListType
DateQueryType
DateTimeQueryType
deleteAddonLineItemDataType
deleteAddonLineItemsRequestType
deleteAddonLineItemsResponseType
deleteDeviceRequestType
deleteDeviceResponseType
deleteFailAddonDataListType
deleteFailAddonDataType
deleteLineItemDataType
deleteLineItemIdentifier
deviceClassList

Complex Types

Name
deviceDataType
deviceId
deviceIdentifier
DeviceIdTypeQueryType
DeviceMachineTypeQueryType
deviceQueryDataType
deviceResponseConfigRequestType
DeviceServedStateQueryType
deviceSortBy
deviceSortBys
DeviceStateQueryType
DeviceStatusQueryType
deviceTypeList
dictionaryEntry
dictionaryType
DurationType
entitledProductDataListType
entitledProductDataType
ExternalIdQueryType
failedCapabilityResponseDataType
failedCountDevicesData
failedCreateDevDataListType
failedCreateDeviceDataType
failedDeleteDevDataListType
failedDeleteDevDataType
failedGenerateCapabilityResponseDataType
failedGeneratePrebuiltLicenseDataListType
failedGeneratePrebuiltLicenseDataType
failedGetDeviceDataType
failedGetDevicesDataType
failedMoveDeviceDataType
failedMoveDeviceListDataType
failedObsoleteHostDataType
failedObsoleteHostListDataType
failedReturnHostDataType

Complex Types

Name
failedReturnHostListDataType
failedSearchDevicesData
failedUpdateDevDataListType
failedUpdateDeviceDataType
featureDataDataType
featureIds
generateCapabilityResponseDataType
generateCapabilityResponseDictionary
generateCapabilityResponseDictionaryEntry
generateCapabilityResponseRequestType
generateCapabilityResponseResponseType
generateCloneDetectionReportRequest
generateCloneDetectionReportResponse
generatePrebuiltLicenseDataListType
generatePrebuiltLicenseDataType
generatePrebuiltLicenseRequestType
generatePrebuiltLicenseResponseType
getAutoProvisionedServerRequest
getAutoProvisionedServerResponse
getDeviceCountResponseDataType
getDeviceCountResponseType
getDeviceRequestType
getDeviceResponseConfigType
getDeviceResponseData
getDeviceResponseType
getDevicesCountRequestType
getDevicesParametersType
getDevicesRequestType
getDevicesResponseDataType
getDevicesResponseType
hostTypeIdentifier
licenseModelIdentifierType
licenseModelPKType
linkAddonLineItemDataType
linkAddonLineItemsRequestType

Complex Types

Name
linkAddonLineItemsResponseType
linkFailAddonDataListType
linkFailAddonDataType
linkLineItemDataType
linkLineItemIdentifier
moveDeviceList
moveDeviceRequestType
moveDeviceResponseType
NumberQueryType
obsoleteHostRequestListType
obsoleteHostResponseType
obsoleteHostType
OpsEmbeddedStatusInfoType
PartnerTierQueryType
partNumberIdentifierType
partNumberPKType
productIdentifierType
productPKType
publisherIdentifier
returnHostRequestListType
returnHostResponseType
returnHostType
searchDeviceResponseConfigType
searchDeviceResponseData
searchDevicesParametersType
searchDevicesRequestType
searchDevicesResponseData
searchDevicesResponseType
ServerIdsType
SimpleQueryType
soldToAcctNameType
soldToType
successAddonDataListType
TermType
updateChannelPartnerDataListType

Complex Types

Name
updatedDeviceDataListType
updateDevDataType
updateDevRequestType
updateDevResponseType
updatesType
userIdentifierType
userPKType
versionDateAttributesType

Complex Type: accountIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the account.
primaryKeys	accountPKType	0..1	See accountPKType.

Complex Type: accountPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Name of the account.

Complex Type: addonData

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	0..1	Add-on's activation ID.
entitlementId	string	0..1	Add-on's entitlement ID.
requestedCopies	integer	0..1	Number of copies requested.
consumedCopies	integer	0..1	Number of copies consumed.
generatedCopies	integer	0..1	Number of copies generated.
licenseState	licenseStateType	0..1	State of the license, where the value is one of the following: • UNDEFINED • LICENSE_NOT_GENERATED • LICENSE_GENERATED • MARKED_FOR_REMOVAL • REMOVED_FROM_LICENSE • REMOVAL_PENDING_CONFIRMATION • COPIES_INCREASING • COPIES_DECREASING • WAITING_FOR_CONFIRMATION • EXPIRED • OBSOLETE • INACTIVE
productList	entitledProductDataListType	0..1	See entitledProductDataListType.
partNumber	string	0..1	Part number of the product.
licenseExpirationDate	date	0..1	Expiration date of license.
licensePermanent	boolean	0..1	Is the license permanent or not.

Content Model

Component	Type	Occurs	Description
expirationDateOverride	date	0..1	Overriding license expiration date.
licenseModelName	string	0..1	Name of license model.
createdDate	dateTime	0..1	
lastModifiedDate	dateTime	0..1	
addOnExpirationDate	dateTime	0..1	You can search and filter by **addOnExpirationDate**. This enhancement enables producers to filter out devices that have expired licenses. Here is an example request: <urn:addOnExpirationDate> <urn:value>2015-10-10</urn:value> <urn:searchType>AFTER</urn:searchType> </urn:addOnExpirationDate> The **addOnExpirationDate** parameter is returned in the response, based on the response config parameter.

Complex Type: addonLineItemDataDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database ID of the line item.
activationId	string	0..1	Activation ID.
enabledCount	integer	0..1	The number enabled.
consumedCount	integer	0..1	The number consumed.
licenseState	licenseStateType	0..1	State of the license, where the value is one of the following: • UNDEFINED • LICENSE_NOT_GENERATED • LICENSE_GENERATED • MARKED_FOR_REMOVAL • REMOVED_FROM_LICENSE • REMOVAL_PENDING_CONFIRMATION • COPIES_INCREASING • COPIES_DECREASING • WAITING_FOR_CONFIRMATION • EXPIRED • OBSOLETE • INACTIVE
entitledProducts	entitledProductDataListType	0..1	See entitledProductDataListType.
licenseExpirationDate	date	0..1	Expiration date of license.
expirationDateOverride	date	0..1	Overriding license expiration date.
createdDate	dateTime	0..1	
lastModifiedDate	dateTime	0..1	

Complex Type: attributeDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	attributeDescriptorType	0..*	**attribute** contains a required string **attributeName** and one attributeDescriptorType.

Complex Type: attributeDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	Name of the attribute.
CHOICE		1..1	
arrayValue	string	0..*	Array of string values of the attribute.
booleanValue	boolean	0..1	Boolean value of the attribute.
dateValue	date	0..1	Date value of the attribute.
integerValue	integer	0..1	Integer value of the attribute.
stringValue	string	0..1	String value of the attribute.

Complex Type: capabilityRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	1..1	See deviceIdentifier.
lastUpdateTime	long	0..1	Optional. The date the device was last updated in seconds since midnight, 1 January 1970 GMT. If this date is not specified, the time used will be the logical beginning of time and removal of licenses cannot be confirmed in the usual way. **Note:** This parameter not supported as of 2016 R1 .
force	boolean	0..1	Optional. If true, the generateCapabilityResponse generates a response even if the lastUpdateTime indicates that no response is needed. Default: false.
vendorDictionary	generateCapabilityResponseDictionary	0..1	Optional. See generateCapabilityResponseDictionary. **Note:** This parameter not supported as of 2016 R1.
lineItem	linkLineItemDataType	0..*	Optional. The activation IDs and their counts to map to the device. If activation ID is already linked to the device, its copies are set to the count value in this request. See linkLineItemDataType.
bufferLicense	boolean	0..1	Optional. If true, generate a buffer response. **Note:** This parameter not supported as of 2016 R1.

Complex Type: capabilityResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	1..1	See deviceIdentifier.
addonLicense	base64Binary	1..1	The license as a base-64 encoded, binary capability response.
bufferLicense	boolean	0..1	True if the license is a buffer license, otherwise false.

Complex Type: channelPartnerDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
channelPartner	channelPartnerDataType	0..*	See channelPartnerDataType.

Complex Type: channelPartnerDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
tierName	string	1..1	Tier of the channel partner, as specified in the OPS_PARTNER_TIER_NAME table. The device web services support only the End Customer tier name, bo.constants.partnertiernames.endcustomer.
accountUnit	accountIdentifierType	1..1	See accountIdentifierType.
contact	userIdentifierType	0..1	See userIdentifierType. **Note:** for deviceDataType and deviceQueryDataType, this parameter is not supported as of 2016 R1.
currentOwner	boolean	0..1	True if the account specified in **accountUnit** is the current owner of the device. **Note:** for deviceDataType and deviceQueryDataType, this parameter not supported as of 2016 R1.

Complex Type: cloneSuspect

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
timeStamp	dateTime	0..1	The datetime back office detect/log the clone suspect.
hostClass	WSDeviceType	0..1	See WSDeviceType. Device type: • CLIENT • SERVER • SERVED_CLIENT
hostAlias	string	0..1	Alias field of the host.
deviceId	string	0..1	Host identifier if the host is a CLIENT or SERVED_CLIENT.
serverId	string	0..1	Host identifier if the host is a server or the server host identifier if the host is a served client by that server.
lineItemActivationIds	anyType (restriction)	1..1	List of the activation details, including the activation ID and count request (for client and server).
lineItemActivationId	string	1..*	
featureIds	featureIds	1..*	List of features including feature ID and count for served client. **Note:** This attribute is currently disabled.
acctId	string	0..1	Account owner ID.
acctName	string	0..1	Account owner name.
enterpriseId	string	0..1	System account ID.

Complex Type: countDevicesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchDevicesParametersType	0..1	See searchDevicesParametersType.

Referenced By

Name	Type
countDevicesRequest	Element
countDevices	Method

Complex Type: countDevicesResponseData

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	0..1	Number of devices matching criteria.

Complex Type: countDevicesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedCountDevicesData	0..1	See failedCountDevicesData.
responseData	countDevicesResponseData	0..1	See countDevicesResponseData.

Referenced By

Name	Type
countDevicesResponse	Element

Complex Type: createdDeviceDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..*	See deviceIdentifier.

Complex Type: createDeviceIdentifier

Description

Either a **deviceId** or **serverId** is specified, depending on the deviceType. Each ID must be unique across the set of all device and server IDs.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceType	WSDeviceType	1..1	CLIENT or SERVER.
deviceId	string	0..1	Client device identifier, if this is a client device.
serverIds	ServerIdsType	0..1	Server device identifier, if this is a server device. See ServerIdsType.
deviceIdType	deviceIdTypeType	0..1	Device ID type. The value for **deviceIdType** can be: • UNKNOWN • STRING • ETHERNET • FLEXID9 • FLEXID10 • EXTENDED • INTERNET • INTERNET6 • USER • TOLERANT • VM_UUID TOLERANT should only be used to create a device as the result of a capability request sent from the device itself. That is, FNO honors requests with ID type of TOLERANT, but because there is no FNO code to support it, it should never be used to create or update a device.

Content Model

Component	Type	Occurs	Description
publisherName	string	0..1	Identifies the publisher name of the device. It is part of the unique ID of the device.

Complex Type: createDevRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	deviceDataType	1..*	Name of the device. See deviceDataType.

Referenced By

Name	Type
createDeviceRequest	Element
createDevice	Method

Complex Type: createDevResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedCreateDevDataListType	0..1	See failedCreateDevDataListType.
responseData	createdDeviceDataListType	0..1	See createdDeviceDataListType.

Referenced By

Name	Type
createDeviceResponse	Element

Complex Type: customAttributeDescriptorDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	customAttributeDescriptorType	0..*	See customAttributeDescriptorType.

Complex Type: customAttributeDescriptorType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	The attribute name.

Complex Type: customAttributeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attributeName	string	1..1	The name of the custom attribute.
CHOICE		1..1	
booleanValue	boolean	0..1	Optional. Depending on the attribute type, set either **stringValue** or **numberValue** or **booleanValue**. Set to true or false if the custom attribute is of type boolean.

dateValue	DateQueryType	0..1	Optional. A **dateValue** element contains:
			• **value**—a date value to compare to the version date value.
			• **searchType**—one of the following datedSearchType values:
			  • BEFORE
			  • AFTER
			  • ON

Content Model

Component	Type	Occurs	Description

numberValue	NumberQueryType	0..1	Optional. Depending on the attribute type, set either stringValue or numberValue or booleanValue.
			A **numberValue** element contains:
			• **value**—an integer number to match part or all of the custom attribute value.
			• **searchType**—one of the following simpleSearchType values:
			  • GREATER_THAN
			  • GREATER_THAN_EQUALS
			  • LESS_THAN
			  • LESS_THAN_EQUALS
			  • EQUALS
			  • NOT_EQUALS

stringValue	SimpleQueryType	0..1	A **stringValue** element contains:
			• **value**—a string to match part or all of the custom attribute value.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Complex Type: customAttributesQueryListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	customAttributeQueryType	0..*	See customAttributeQueryType.

Complex Type: DateQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	date	1..1	A date value to compare to the version date value.
searchType	datedSearchType	1..1	One of the following datedSearchType values: • BEFORE • AFTER • ON

Complex Type: DateTimeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	dateTime	1..1	A date and time value.
searchType	datedSearchType	1..1	One of the following dateSearchType values: • BEFORE • AFTER • ON

Complex Type: deleteAddonLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	1..1	See deviceIdentifier.
lineItem	deleteLineItemDataType	1..*	See deleteLineItemDataType.

Complex Type: deleteAddonLineItemsRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	deleteAddonLineItemDataType	1..*	See deleteAddonLineItemDataType.

Referenced By

Name	Type
deleteAddonLineItemsRequest	Element
deleteAddonLineItems	Method

Complex Type: deleteAddonLineItemsResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	deleteFailAddonDataListType	0..1	See deleteFailAddonDataListType.
responseData	successAddonDataListType	0..1	See successAddonDataListType.

Referenced By

Name	Type
deleteAddonLineItemsResponse	Element

Complex Type: deleteDeviceRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	1..*	Name of the device. See deviceIdentifier.

Referenced By

Name	Type
deleteDeviceRequest	Element
deleteDevice	Method

Complex Type: deleteDeviceResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedDeleteDevDataListType	0..1	See failedDeleteDevDataListType.

Referenced By

Name	Type
deleteDeviceResponse	Element

Complex Type: deleteFailAddonDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failAddon	deleteFailAddonDataType	0..*	See deleteFailAddonDataType.

Complex Type: deleteFailAddonDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..1	See deviceIdentifier.
lineItem	deleteLineItemDataType	0..1	See deleteLineItemDataType.
reason	string	0..1	Reason for failure.

Complex Type: deleteLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	deleteLineItemIdentifier	1..1	See deleteLineItemIdentifier.

Complex Type: deleteLineItemIdentifier

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	0..1	Activation ID.

Complex Type: deviceClassList

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceClass	WSDeviceType	1..*	Device class.

Complex Type: deviceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	createDeviceIdentifier	1..1	See createDeviceIdentifier.
hostTypeName	hostTypeIdentifier	0..1	Optional. If hostTypeName is not specified, you must implement the com.flexnet.opsembedded.publicapi.DeviceHandler.decodeDeviceId() callout to set it. See hostTypeIdentifier.
publisherIdName	publisherIdentifier	0..1	Optional. This field is used to provide the identity value. If **publisherIdName** is not specified, you must either implement the DeviceHandler.decodeDeviceId() callout to set it, or the host type must have a default publisher identity defined. See publisherIdentifier.
description	string	0..1	Description of the device.
channelPartners	channelPartnerDataListType	0..1	See channelPartnerDataListType. **Note:** To set the device owner, provide a single account in the End Customer tier (bo.constants.partnertiernames.endcustomer).
customAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType. **Note:** This parameter not supported as of 2016 R1.
alias	string	0..1	Optional. The device alias of a client device or server device. If not set, the alias is defaulted by the application to the first 100 characters of the deviceIdentifier.
user	string	0..1	Device User associated with the device. Leave empty to remove the Device User associated with the device.
deployment	deployment	0..1	Deployment location: CLOUD or LOCAL.
siteName	string	0..1	Name of site.

Complex Type: deviceId

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
id	string	1..1	Device ID.
idType	deviceIdTypeType	1..1	See deviceIdTypeType. **Note:** TOLERANT should only be used to create a device as the result of a capability request sent from the device itself. That is, FNO honors requests with ID type of TOLERANT, but because there is no FNO code to support it, it should never be used to create or update a device.
publisherName	string	1..1	The name of the publisher. Part of the unique ID of the device.
deviceClass	deviceClass	1..1	One of the following: • CLIENT • SERVER • SERVED_CLIENT

Complex Type: deviceIdentifier

Description

Note: *When used as an input element for update and other operations, either* ***uniqueId*** *or* ***deviceId/serverIds*** *should be specified—not both.*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceType	WSDeviceType	1..1	One of the following: • CLIENT • SERVER • SERVED_CLIENT
uniqueId	string	0..1	Unique database identifier of the device.
deviceId	string	0..1	Client device identifier, if the device is a client device.
serverIds	ServerIdsType	0..1	Server device identifier, if the device is a server device. See ServerIdsType.

Content Model

Component	Type	Occurs	Description
deviceIdType	deviceIdTypeType	0..1	Device ID type. The value for deviceIdType can be: • UNKNOWN • STRING • ETHERNET • FLEXID9 • FLEXID10 • EXTENDED • INTERNET • INTERNET6 • USER • TOLERANT • VM_UUID TOLERANT should only be used to create a device as the result of a capability request sent from the device itself. That is, FNO honors requests with ID type of TOLERANT, but because there is no FNO code to support it, it should never be used to create or update a device.
publisherName	string	0..1	The name of the publisher. Part of the unique ID of the device.

Complex Type: DeviceIdTypeQueryType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	deviceIdTypeType	1..1	See deviceIdTypeType.
searchType	enumSearchType	1..1	One of the following: • EQUALS • NOT_EQUALS

Complex Type: DeviceMachineTypeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	machineTypeType	1..1	The value is a string to match part or all of the machineType: • UNKNOWN • PHYSICAL • VIRTUAL
searchType	enumSearchType	1..1	One of the following enumSearchType values: • EQUALS • NOT_EQUALS

Complex Type: deviceQueryDataType

Description

Note: *Some elements apply only to served client devices while others apply only to server devices and client devices. Elements that start with feature are specific to served clients. Elements that start with addOn or preBuilt are specifc to server devices and client devices.*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..1	See deviceIdentifier.
alias	string	0..1	An alias for the device ID. If not set, the alias is defaulted by the application to the first 100 characters of the deviceIdentifier.
description	string	0..1	Device description.
hostTypeName	hostTypeIdentifier	0..1	See hostTypeIdentifier.
deviceStatus	deviceStatusType	0..1	ACTIVE or OBSOLETE.
deviceServedStatus	deviceServedStatusType	0..1	The status of a served client device. One of the following: • NORMAL • RETURNED • EXPIRED • DROPPED
channelPartners	channelPartnerDataListType	0..1	See channelPartnerDataListType. **Note:** This element returns an account in the End Customer channel partner tier.
soldTo	soldToType	0..1	See soldToType.
soldToAcctName	soldToAcctNameType	0..1	See soldToAcctNameType.
preBuiltProduct	productPKType	0..1	Database primary key of the product—strings containing the **name** and **version** of the product.
hasPrebuiltLicense	boolean	0..1	Does the device have a prebuilt license?
prebuiltLicense	base64Binary	0..1	Actual prebuilt license.
hasAddonLicense	boolean	0..1	Does the device have a license?
addonLicense	base64Binary	0..1	Actual license.
publisherIdName	publisherIdentifier	0..1	See publisherIdentifier.

Content Model

Component	Type	Occurs	Description
addonLineItemData	addonLineItemDataDataType	0..*	See addonLineItemDataDataType.
featureData	featureDataDataType	0..*	See featureDataDataType.
customAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
parentIdentifier	deviceIdentifier	0..1	The **parentIdentifier** element corresponds to the Served By value for a served client in the admin console UI; it identifies the served client's parent FlexNet Embedded server device. See deviceIdentifier.
machineType	machineTypeType	0..1	The **machineType** can be UNKNOWN, PHYSICAL, or VIRTUAL.
vmName	string	0..1	The name of the virtual machine on which the device is hosted. If the machineType is not VIRTUAL, **vmName** is NULL.
vmInfo	dictionaryType	0..1	A BLOB of VM properties. See dictionaryType.
vendorDictionary	dictionaryType	0..1	A BLOB of vendor properties. See dictionaryType.
deviceUser	string	0..1	This field is supported only for the tenants who have configured their Device User Option to **On**. The **deviceUser** string is returned only if the request's **deviceResponseConfig** contains **deviceUser** field, set to true. • If the Device User Option is set to **Off**, and the request's **deviceResponseConfig** has **deviceUser** field is **true**, the service will ignore it, and the response will state that the **deviceUser** response configuration is not supported. • If the Device User Option is set to **On with no validation**, the response will contain **deviceUser** field, set to the string value of the Device User. • If the Device User Option is set to **On with validation** and the **deviceUser** response configuration is set to **true**, the response will not populate the **deviceUser** for existing users, populating instead **deviceUserIdentifier** element with user's info. In cases when the user have been deleted, the deviceUser string will be set to**<*User System ID*> (Removed).**

Content Model

Component	Type	Occurs	Description
deviceUserIdentifier	userIdentifierType	0..1	See userIdentifierType. This field is returned when a tenant's **Device User Option** is set to **On with validation** and the response configuration's **deviceUse** is set to **true**. The response will contain the following information: • first name • last name • email address • user name • phone number
siteName	string	0..1	The **getDevice**, **getDevicesQuery** and **searchDevices** methods can return the **siteName** attribute value. You can use <responseConfig> to include or exclude the site name in the response. Also, **siteName** is available as a search parameter for the **getDevicesQuery** and **searchDevices** methods.

Complex Type: deviceResponseConfigRequestType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
alias	boolean	0..1	
description	boolean	0..1	
status	boolean	0..1	
servedStatus	boolean	0..1	
hostTypeName	boolean	0..1	
soldTo	boolean	0..1	
channelPartners	boolean	0..1	
preBuiltLicense	boolean	0..1	
addOnActivationId	boolean	0..1	
addOnCounts	boolean	0..1	
addOnProduct	boolean	0..1	
addOnLicense	boolean	0..1	
addOnExpirationDateOverride	boolean	0..1	
addOnCreatedDate	boolean	0..1	
addOnLastModifiedDate	boolean	0..1	
publisherIdentity	boolean	0..1	
parent	boolean	0..1	
machineType	boolean	0..1	
vmDetails	boolean	0..1	
vmInfo	boolean	0..1	
vendorDictionary	boolean	0..1	
updates	boolean	0..1	
deviceUser	boolean	0..1	
siteName	boolean	0..1	

Complex Type: DeviceServedStateQueryType

Description

Note: *This parameter not supported as of 2016 R1.*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	deviceServedStatusType	1..1	One of the following: • NORMAL • RETURNED • EXPIRED • DROPPED
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Complex Type: deviceSortBy

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sortKey	deviceSortKey	1..1	See deviceSortKey.
ascending	boolean	1..1	If true, results are listed in ascending order. If false, results are listed in descending order.

Complex Type: deviceSortBys

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sortBy	deviceSortBy	1..*	See deviceSortBy. **Note**: Currently, only sorting by one key is supported.

Complex Type: DeviceStateQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	deviceStatusType	1..1	This element can be set to: • ACTIVE • OBSOLETE • RETURNED
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Complex Type: DeviceStatusQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	deviceStatusType	1..1	This element can be set to: • ACTIVE • OBSOLETE • RETURNED
searchType	enumSearchType	1..1	One of the following enumSearchType values: • EQUALS • NOT_EQUALS

Complex Type: deviceTypeList

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceType	WSDeviceType	1..*	A web service type. Valid values: • CLIENT • SERVER • SERVED_CLIENT

Complex Type: dictionaryEntry

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	The name of the entry.
stringValue	string	0..1	The value for the named entry when the value is a string.
numberValue	integer	0..1	The value for the named entry when the value is a number.

Complex Type: dictionaryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entry	dictionaryEntry	1..*	An array of dictionaryEntry elements. See dictionaryEntry.

Complex Type: DurationType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	Required. Specify the number of units of time, for example, 10, for a duration of 10 **durationUnit**.
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: • DAYS • WEEKS • MONTHS • YEARS

Complex Type: entitledProductDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitledProduct	entitledProductDataType	0..*	See entitledProductDataType.

Complex Type: entitledProductDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	productIdentifierType	0..1	See productIdentifierType.
quantity	integer	1..1	Quantity per copy of the line item. This is a multiplier to the number of copies. If one copy of the line item is fulfilled, this many copies of the entitled product will be fulfilled.

Complex Type: ExternalIdQueryType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	externalIdSearchType	1..1	

Complex Type: failedCapabilityResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..1	See deviceIdentifier.
reason	string	0..1	Reason for failure.

Complex Type: failedCountDevicesData

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
reason	string	0..1	Reason for failure.

Complex Type: failedCreateDevDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	failedCreateDeviceDataType	0..*	See failedCreateDeviceDataType.

Complex Type: failedCreateDeviceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	deviceDataType	0..1	See deviceDataType.
reason	string	0..1	Reason for failure.

Complex Type: failedDeleteDevDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	failedDeleteDevDataType	0..*	See failedDeleteDevDataType.

Complex Type: failedDeleteDevDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..1	See deviceIdentifier.
reason	string	0..1	Reason for failure.

Complex Type: failedGenerateCapabilityResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	failedCapabilityResponseDataType	0..*	See failedCapabilityResponseDataType.

Complex Type: failedGeneratePrebuiltLicenseDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	failedGeneratePrebuiltLicenseDataType	0..*	See failedGeneratePrebuiltLicenseDataType.

Complex Type: failedGeneratePrebuiltLicenseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..1	See deviceIdentifier.
reason	string	0..1	Reason for failure.

Complex Type: failedGetDeviceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
reason	string	0..1	Reason for the failure.

Complex Type: failedGetDevicesDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
reason	string	0..1	Reason for failure.

Complex Type: failedMoveDeviceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..1	See deviceIdentifier.
reason	string	0..1	Reason for failure.

Complex Type: failedMoveDeviceListDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	failedMoveDeviceDataType	0..*	See failedMoveDeviceDataType.

Complex Type: failedObsoleteHostDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdentifier	deviceIdentifier	0..1	See deviceIdentifier.
reason	string	0..1	Reason for the failure.

Complex Type: failedObsoleteHostListDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedHost	failedObsoleteHostDataType	0..*	See failedObsoleteHostDataType.

Complex Type: failedReturnHostDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdentifier	deviceIdentifier	0..1	See deviceIdentifier.
reason	string	0..1	Reason for failure.

Complex Type: failedReturnHostListDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedHost	failedReturnHostDataType	0..*	See failedReturnHostDataType.

Complex Type: failedSearchDevicesData

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
reason	string	0..1	Reason for failure.

Complex Type: failedUpdateDevDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	failedUpdateDeviceDataType	0..*	See failedUpdateDeviceDataType.

Complex Type: failedUpdateDeviceDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	updateDevDataType	0..1	See updateDevDataType.
reason	string	0..1	Reason for failure.

Complex Type: featureDataDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	0..1	Feature name.
version	string	0..1	Feature version.
count	integer	0..1	Feature count. This is the count that a served client last used when it checked out the feature, as of the last FNE server sync with FlexNet Operations.
overage	integer	0..1	Feature overage. Overage is the count of the feature on a served client device that the server considers as overage, as of the last sync. An overage occurs when the number of copies of a license allocated to an FNE server is reduced to the point that some client devices have a count of that feature that exceeds what the server is entitled to serve. This condition persists until the next time the client renews its checkout of the checkout expires.
expiration	dateTime	0..1	Feature expiration date.
lineItemUniqueId	string	0..1	Unique database ID of the feature line item.
lineItemActivationId	string	0..1	ActivationID of the feature line item.

Complex Type: featureIds

Description

Note: this attribute is disabled.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
featureId	string	1..1	ID of the feature.
featureName	string	1..1	Name of the feature.
count	int	1..1	Count for the served client.

Complex Type: generateCapabilityResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	capabilityResponseDataType	0..*	See capabilityResponseDataType.

Complex Type: generateCapabilityResponseDictionary

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entry	generateCapabilityResponseDictionaryEntry	1..*	See generateCapabilityResponseDictionaryEntry

Complex Type: generateCapabilityResponseDictionaryEntry

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	A name for a vendor dictionary attribute.
stringValue	string	0..1	Optional. A string value for the key in name.
numberValue	integer	0..1	Optional. An integer value for the key in name.

Complex Type: generateCapabilityResponseRequestType

Description

Note: *this operation is only for client and server devices, not served clients.*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	capabilityRequestType	0..*	See capabilityRequestType. Specify a device to generate a capability response based on web service parameters. If no device is specified, you must specify a capability request.
request	base64Binary	0..*	A base-64 encoded, binary capability request. Specify a request to generate a capability response based on a capability request. If no request is specified, the generateCapabilityResponse operation requires that you specify a device and provide sufficient data via capabilityRequestType elements to generate the response.

Referenced By

Name	Type
generateCapabilityResponseRequest	Element
generateCapabilityResponse	Method

Complex Type: generateCapabilityResponseResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedGenerateCapabilityResponseDataType	0..1	See failedGenerateCapabilityResponseDataType.
responseData	generateCapabilityResponseDataType	0..1	See generateCapabilityResponseDataType.

Referenced By

Name	Type
generateCapabilityResponseResponse	Element

Complex Type: generateCloneDetectionReportRequest

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
enterpriseIds	anyType (restriction)	0..1	System account ID.
enterpriseId	string	1..*	
startDate	dateTime	1..1	The start date of the date range (Event time should >=startDate).
endDate	dateTime	1..1	The end date of the date range (Event time should <=endDate).
pageNumber	integer	0..1	Required. Starts at 1. Say the **generateCloneDetectionReport** operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set pageNumber to 2.
batchSize	integer	0..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
generateCloneDetectionReportRequest	Element
generateCloneDetectionReport	Method

Complex Type: generateCloneDetectionReportResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
cloneSuspects	anyType (restriction)	1..1	See cloneSuspect.
cloneSuspect	cloneSuspect	1..*	

Referenced By

Name	Type
generateCloneDetectionReportResponse	Element

Complex Type: generatePrebuiltLicenseDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..*	See deviceIdentifier.

Complex Type: generatePrebuiltLicenseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	1..1	See deviceIdentifier.
product	productIdentifierType	0..1	See productIdentifierType. **Note:** This parameter not supported as of 2016 R1.
licenseModel	licenseModelIdentifierType	0..1	See licenseModelIdentifierType. **Note:** This parameter not supported as of 2016 R1.
licenseModelAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType. **Note:** This parameter not supported as of 2016 R1.
startDate	date	0..1	Start date of the prebuilt license. **Note:** This parameter not supported as of 2016 R1.
isPermanent	boolean	0..1	Is license permanent? **Note:** This parameter not supported as of 2016 R1.
term	DurationType	0..1	See Duration of an expiring license. See DurationType.
expirationDate	date	0..1	License expiration date.

Complex Type: generatePrebuiltLicenseRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestDataList	generatePrebuiltLicenseDataType	1..*	See generatePrebuiltLicenseDataType.

Referenced By

Name	Type
generatePrebuiltLicenseRequest	Element
generatePrebuiltLicense	Method

Complex Type: generatePrebuiltLicenseResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedGeneratePrebuiltLicenseDataListType	0..1	See failedGeneratePrebuiltLicenseDataListType.
responseData	generatePrebuiltLicenseDataListType	0..1	See generatePrebuiltLicenseListType.

Referenced By

Name	Type
generatePrebuiltLicenseResponse	Element

Complex Type: getAutoProvisionedServerRequest

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctName	string	1..1	The account/enterprise for which we intend to retrieve the Cloud License Server (also referred to as autoprovisioned server).

Referenced By

Name	Type
getAutoProvisionedServerRequest	Element
getAutoProvisionedServer	Method

Complex Type: getAutoProvisionedServerResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
cloudLicenseServer	deviceIdentifier	0..1	See deviceIdentifier.

Referenced By

Name	Type
getAutoProvisionedServerResponse	Element

Complex Type: getDeviceCountResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
count	integer	0..1	Number of devices matching criteria.

Complex Type: getDeviceCountResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedGetDevicesDataType	0..1	See failedGetDevicesDataType.
responseData	getDeviceCountResponseDataType	0..1	See getDeviceCountResponseDataType.

Referenced By

Name	Type
getDeviceCountResponse	Element

Complex Type: getDeviceRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceId	deviceId	1..1	See deviceId.
responseConfig	getDeviceResponseConfigType	0..1	See getDeviceResponseConfigType.

Referenced By

Name	Type
getDeviceRequest	Element
getDevice	Method

Complex Type: getDeviceResponseConfigType

Description

Specifies the configuration settings to be included in the response. Includes the following boolean elements:

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	boolean	0..1	
description	boolean	0..1	
status	boolean	0..1	
servedStatus	boolean	0..1	
hostTypeName	boolean	0..1	
hosted	boolean	0..1	
soldTo	boolean	0..1	
baseProduct	boolean	0..1	
hasLicense	boolean	0..1	
bufferLicense	boolean	0..1	
addOnActivationId	boolean	0..1	
addOnCounts	boolean	0..1	
addOnProduct	boolean	0..1	
addOnProductLine	boolean	0..1	
addOnPartNumber	boolean	0..1	
addOnLicense	boolean	0..1	
addOnExpirationDateOverride	boolean	0..1	
addOnEntitlementExpirationDate	boolean	0..1	
addOnCreatedDate	boolean	0..1	Indicates created date of the addon associated with the device/server. The format of the add on created date would be <createdDate>2019-08-21T10:53:35.890Z</createdDate>. This is an optional field.

Content Model

Component	Type	Occurs	Description
addOnLastModifiedDate	boolean	0..1	Indicates last modified date of the addon associated with the device/server. The format of the add on last modified date would be <lastModifiedDate>2019-08-21T10:53:35.890Z</lastModifiedDate>. This is an optional field.
addOnEntitlementId	boolean	0..1	
addOnState	boolean	0..1	
addOnLicenseModel	boolean	0..1	
features	boolean	0..1	
publisherIdentity	boolean	0..1	
parent	boolean	0..1	
machineType	boolean	0..1	
vmDetails	boolean	0..1	
vmInfo	boolean	0..1	
vendorDictionary	boolean	0..1	
updates	boolean	0..1	
userInfo	boolean	0..1	
lastRequestTime	boolean	0..1	
lastSyncTime	boolean	0..1	
siteName	boolean	0..1	The **getDevice**, **getDevicesQuery** and **searchDevices** methods can return the **siteName** attribute value. You can use <responseConfig> to include or exclude the site name in the response. Also, **siteName** is available as a search parameter for the **getDevicesQuery** and **searchDevices** methods.

Complex Type: getDeviceResponseData

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceId	deviceId	0..1	See deviceId.
backupDeviceId	string	0..1	Backup host ID.
name	string	0..1	Device name.
description	string	0..1	Device description.
hostTypeName	string	0..1	Host type name.
status	deviceStatusType	0..1	See deviceStatusType.
servedStatus	servedStatusType	0..1	Served client status. Valid values: • NORMAL • RETURNED • EXPIRED • DROPPED
hosted	boolean	0..1	One of the following: • **false** - for local server • **true** - for Cloud License Service instance.
soldTo	soldToType	0..1	See soldToType.
baseProduct	productPKType	0..1	Database primary key of the product—strings containing the **name** and **version** of the product.
hasBufferLicense	boolean	0..1	Does the device have a buffer license?
bufferLicense	base64Binary	0..1	The buffer license as a base-64 encoded, binary capability response.
hasAddonLicense	boolean	0..1	Does the device have an add-on license?
addonLicense	base64Binary	0..1	The add-on license as a base-64 encoded, binary capability response.
publisherIdName	string	0..1	Publisher name.
addon	addonData	0..*	See addonData.
feature	featureDataDataType	0..*	See featureDataDataType.

Content Model

Component	Type	Occurs	Description
customAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
parentIdentifier	deviceId	0..1	See deviceId.
machineType	machineTypeType	0..1	The value is a string to match part or all of the machineType: • UNKNOWN • PHYSICAL • VIRTUAL
vmName	string	0..1	The name of the virtual machine on which the device is hosted. If the machineType is not VIRTUAL, vmName is NULL.
vmInfo	dictionaryType	0..1	See dictionaryType.
vendorDictionary	dictionaryType	0..1	See dictionaryType.
update	updatesType	0..*	See updatesType.
userString	string	0..1	Name of user.
userIdentifier	userIdentifierType	0..1	See userIdentifierType.
createdOn	dateTime	0..1	
lastModified	dateTime	0..1	Date the device was last modified.
lastSyncTime	dateTime	0..1	The latest time stamp on any sync messages processed for the server (only applies to server devices).
lastRequestTime	dateTime	0..1	The last date and time a response was generated for the device. It is: • set whenever the device calls in and FlexNet Operations generates a response, and • updated regardless of whether there was a change in the generated response or not (in which case FlexNet Operations replies with an empty license)
siteName	string	0..1	The **getDevice**, **getDevicesQuery** and **searchDevices** methods can return the **siteName** attribute value. You can use <responseConfig> to include or exclude the site name in the response. Also, **siteName** is available as a search parameter for the **getDevicesQuery** and **searchDevices** methods.

Complex Type: getDeviceResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedDevice	failedGetDeviceDataType	0..1	See failedGetDeviceDataType.
device	getDeviceResponseData	0..1	See getDeviceResponseData.

Referenced By

Name	Type
getDeviceResponse	Element

Complex Type: getDevicesCountRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	getDevicesParametersType	0..1	See getDevicesParametersType.

Referenced By

Name	Type
getDeviceCountRequest	Element
getDeviceCount	Method

Complex Type: getDevicesParametersType

Description

Note: *Some elements apply only to served client devices while others apply only to server devices and client devices. Elements that start with feature are specific to served clients. Elements that start with addOn or preBuilt are specifc to server devices and client devices.*

Query results can be restricted to one or more device types listed in the ***deviceTypes*** *element. If* ***deviceTypes*** *is not defined, the query results depend upon whether or not* ***isServer*** *is set and, if so, what that setting is. If* ***isServer*** *is set to true, the query results include only server devices. If* ***isServer*** *is set to false, the query results include only client devices. If neither* ***deviceTypes*** *nor* ***isServer*** *is set, query results include all three types of devices.*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
alias	SimpleQueryType	0..1	Optional. An alias for the device ID. An **alias** element contains a value and a search type. A value is a string to match part or all of the **alias**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
deviceId	SimpleQueryType	0..1	Optional. A **deviceId** element contains a value and search type. A value is a string to match part or all of the **deviceId**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Content Model

Component	Type	Occurs	Description
deviceIdType	DeviceIdTypeQueryType	0..1	A **deviceIdType** element contains a value and search type. The value is a string to match part or all of the **deviceIdType**: • UNKNOWN • STRING • ETHERNET • FLEXID9 • FLEXID10 • INTERNET • INTERNET6 • USER • TOLERANT • VM_UUID **NOTE**: When using a **deviceType** of **SERVER**, this field is mandatory. The **searchType** is one of the following enumSearchType values: • EQUALS • NOT_EQUALS
parentId	SimpleQueryType	0..1	Optional. A **parentId** corresponds to the Served By value for a served client in the admin console UI; it identifies the served client's parent FlexNet Embedded server device. A **parentId** element contains a value and a search type. A value is a string to match part or all of the **parentId**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Content Model

Component	Type	Occurs	Description
hostTypeName	SimpleQueryType	0..1	Optional. A **hostTypeName** element contains a value and search type. A value is a string to match part or all of the **hostTypeName**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
soldTo	SimpleQueryType	0..1	Optional. A **soldTo** element contains a value and search type. A value is a string, in the form of the account name, to match part or all of the **soldTo**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
soldToAcctId	SimpleQueryType	0..1	Optional. A **soldToAcctId** element contains a value and search type. A value is a string, in the form of the account ID, to match part or all of the **soldToAcctId**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Content Model

Component	Type	Occurs	Description
description	SimpleQueryType	0..1	Optional. A **description** element contains a value and search type. A value is a string to match part or all of the **description**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
status	DeviceStateQueryType	0..1	Optional. The **status** of the device. See DeviceStateQueryType.
addOnActivationId	SimpleQueryType	0..1	Optional. An **addOnActivationID** element contains a value and search type. A value is a string to match part or all of the **addOnActivationID**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
addOnProductName	SimpleQueryType	0..1	Optional. An **addOnProductName** element contains a value and search type. A value is a string to match part or all of the **addOnProductName**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Content Model

Component	Type	Occurs	Description
addOnProductVersion	SimpleQueryType	0..1	Optional. An **addOnProductVersion** element contains a value and search type. A value is a string to match part or all of the **addOnProductVersion**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
featureName	SimpleQueryType	0..1	Optional. A **featureName** element contains a value and search type. A value is a string to match part or all of the **featureName**, and a **searchType** is one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
isServer	boolean	0..1	Optional. True if the device is a FlexNet Embedded server device. (See note about isServer and deviceTypes.)
deviceTypes	deviceTypeList	0..1	Optional. The **deviceTypes** element contains one or more WSDeviceType elements. These can be CLIENT, SERVER, SERVED_CLIENT. (See note about isServer and deviceTypes.)
userString	SimpleQueryType	0..1	Allows users to request devices with matching Device User. Results for this request depend on how the tenant has configured **Device User Option**. • If the **Device User Option** is set to **Off**, the **userString** field is ignored, and the response states that this criteria is not supported • If the **Device User Option** is set to **On with no validation**, the userString is matched with string value of the **Device User**. • If the **Device User Option** is set to **On with validation**, the userString is matched with the email of the **Device User**.

Content Model

Component	Type	Occurs	Description
siteName	SimpleQueryType	0..1	The **getDevice**, **getDevicesQuery** and **searchDevices** methods can return the **siteName** attribute value. You can use <responseConfig> to include or exclude the site name in the response. Also, **siteName** is available as a search parameter for the **getDevicesQuery** and **searchDevices** methods.

Complex Type: getDevicesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	getDevicesParametersType	0..1	See getDevicesParametersType.

Content Model

Component	Type	Occurs	Description
deviceResponseConfig	deviceResponseConfigRequestType	0..1	Specifies the configuration settings to be included in the response. Includes the following boolean elements: • alias • description • status • servedStatus • hostTypeName • soldTo • channelPartners • preBuiltLicense • addOnActivationId • addOnCounts • addOnProduct • addOnLicense • addOnExpirationDateOverride • publisherIdentity • parent • machineType • vmDetails • vmInfo • vendorDictionary • deviceUser **Note:** If **channelPartners** is selected, the response includes only the account in the End Customer tier (bo.constants.partnertiernames.endcustomer).

Content Model

Component	Type	Occurs	Description
pageNumber	integer	1..1	Required. Starts at 1. Say the operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getDevicesRequest	Element
getDevicesQuery	Method

Complex Type: getDevicesResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	deviceQueryDataType	0..*	See deviceQueryDataType.

Complex Type: getDevicesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedGetDevicesDataType	0..1	See failedGetDevicesDataType.
responseData	getDevicesResponseDataType	0..1	See getDevicesResponseDataType.

Referenced By

Name	Type
getDevicesResponse	Element

Complex Type: hostTypeIdentifier

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Host type of the device.

Complex Type: licenseModelIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the license model, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the license model.
primaryKeys	licenseModelPKType	0..1	Database primary key of the license model—a string containing the **name** of the license model.

Complex Type: licenseModelPKType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	**Name** of the license model.

Complex Type: linkAddonLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	1..1	See deviceIdentifier.
lineItem	linkLineItemDataType	1..*	See linkLineItemDataType.

Complex Type: linkAddonLineItemsRequestType

Description

Provides the input details to link one or more entitlement line items to devices, ensuring matching sold-to accounts and host types.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	linkAddonLineItemDataType	1..*	See linkAddonLineItemDataType.

Referenced By

Name	Type
decrementAddonLineItemsRequest	Element
incrementAddonLineItemsRequest	Element
linkAddonLineItemsRequest	Element
zeroCountAddonLineItemsRequest	Element
decrementAddonLineItems	Method
incrementAddonLineItems	Method
linkAddonLineItems	Method
zeroCountAddonLineItems	Method

Complex Type: linkAddonLineItemsResponseType

Description

Returns the result of the linking operation, including information about any devices where linking failed.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	linkFailAddonDataListType	0..1	See linkFailAddonDataListType.
responseData	successAddonDataListType	0..1	See successAddonDataListType.

Referenced By

Name	Type
decrementAddonLineItemsResponse	Element
incrementAddonLineItemsResponse	Element
linkAddonLineItemsResponse	Element
zeroCountAddonLineItemsResponse	Element

Complex Type: linkFailAddonDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failAddon	linkFailAddonDataType	0..*	See linkFailAddonDataType.

Complex Type: linkFailAddonDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..1	See deviceIdentifier.
lineItem	linkLineItemDataType	0..1	See linkLineItemDataType.
reason	string	0..1	Reason for failure.

Complex Type: linkLineItemDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	linkLineItemIdentifier	1..1	See linkLineItemIdentifier.

Complex Type: linkLineItemIdentifier

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	string	0..1	Activation ID.
count	integer	0..1	Number of copies from the line item linked.
expirationDateOverride	date	0..1	New, overriding expiration date. Affects link/increment/decrement and generateCapabilityResponse. For link/increment and generateCapabilityResponse, the expiration date is used and set at add-on line if there is no override date yet (after it is set, only the same date is accepted). After the date is set, it cannot be changed (same as on the UI). For decrement, this field is ignored and put in the warning queue. Known issue regarding expiration date: The ALM expiration date is GMT midnight, but the back office uses midnight of the FlexNet Operations server time zone. An issue will occur if the user tries to set the override date to be the same as the entitlement expiration (on ALM).

Complex Type: moveDeviceList

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	1..*	See deviceIdentifier.

Complex Type: moveDeviceRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sourceDevices	moveDeviceList	1..1	Devices to move. See moveDeviceList.
soldToUniqueId	string	0..1	Unique database identifier of the account to which the device currently belongs. Specify either **soldToUniqueId** or **soldToName**, not both.
soldToName	string	0..1	The name of the account to which the device currently belongs. Specify either **soldToUniqueId** or **soldToName**, not both.
poolEntitlements	boolean	0..1	True, if existing, matching line items at the target account are to be pooled. False, to always create new line items at the target account. **Note:** This parameter not supported as of 2016 R1.

Referenced By

Name	Type
moveDeviceRequest	Element
moveDevice	Method

Complex Type: moveDeviceResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedMoveDeviceListDataType	0..1	See failedMoveDeviceListDataType.

Referenced By

Name	Type
moveDeviceResponse	Element

Complex Type: NumberQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	integer	1..1	An integer number to match part or all of the custom attribute value.
searchType	numberSearchType	1..1	One of the following simpleSearchType values: • GREATER_THAN • GREATER_THAN_EQUALS • LESS_THAN • LESS_THAN_EQUALS • EQUALS, NOT_EQUALS

Complex Type: obsoleteHostRequestListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
host	obsoleteHostType	1..*	See obsoleteHostType.

Referenced By

Name	Type
obsoleteHostRequest	Element
obsoleteHost	Method

Complex Type: obsoleteHostResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedObsoleteHostListDataType	0..1	See failedObsoleteHostListDataType.

Referenced By

Name	Type
obsoleteHostResponse	Element

Complex Type: obsoleteHostType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdentifier	deviceIdentifier	1..1	See deviceIdentifier.

Complex Type: OpsEmbeddedStatusInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	OpsEmbeddedStatusType	1..1	One of the following values: • SUCCESS • FAILURE • PARTIAL_FAILURE
reason	string	0..1	Reason related to the status.

Complex Type: PartnerTierQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	The name of the organization.
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
partnerTier	string	0..1	Optional. The name of the tier in which the organization exists or ANY. If set to a named tier, the format partnerTier is bo.constants.partnertiernames.tier_name. If not specified, the partner tier searched is the End Customer tier.

Complex Type: partNumberIdentifierType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
primaryKeys	partNumberPKType	0..1	

Complex Type: partNumberPKType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
partId	string	1..1	

Complex Type: productIdentifierType

Description

In the request, specify *either* **uniqueId** or **primaryKeys** to uniquely specify the product, not both.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the product.
primaryKeys	productPKType	0..1	Database primary key of the product—strings containing the **name** and **version** of the product.
productLine	string	0..1	Product line of the product.

Complex Type: productPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	**Name** of the product.
version	string	0..1	**Version** of the product.

Complex Type: publisherIdentifier

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	1..1	Publisher identifier of the device.

Complex Type: returnHostRequestListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
returnHosts	returnHostType	1..*	See returnHostType.

Referenced By

Name	Type
returnHostRequest	Element
returnHost	Method

Complex Type: returnHostResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedReturnHostListDataType	0..1	See failedReturnHostListDataType.

Referenced By

Name	Type
returnHostResponse	Element

Complex Type: returnHostType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdentifier	deviceIdentifier	1..1	See deviceIdentifier.
targetHostIdentifier	deviceIdentifier	0..1	See deviceIdentifier.

Complex Type: searchDeviceResponseConfigType

Description

Specifies the configuration settings to be included in the response. Includes the following boolean elements:

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	boolean	0..1	
description	boolean	0..1	
status	boolean	0..1	
servedStatus	boolean	0..1	
hostTypeName	boolean	0..1	
hosted	boolean	0..1	
soldTo	boolean	0..1	
hasLicense	boolean	0..1	
bufferLicense	boolean	0..1	
addOnLicense	boolean	0..1	
publisherIdentity	boolean	0..1	
parent	boolean	0..1	
machineType	boolean	0..1	
vmDetails	boolean	0..1	
userInfo	boolean	0..1	
lastRequestTime	boolean	0..1	
lastSyncTime	boolean	0..1	
addOnActivationId	boolean	0..1	
addOnCounts	boolean	0..1	
addOnProduct	boolean	0..1	
addOnProductLine	boolean	0..1	
addOnPartNumber	boolean	0..1	
addOnEntitlementId	boolean	0..1	
hasUpdates	boolean	0..1	
addOnExpirationDate	boolean	0..1	

Content Model

Component	Type	Occurs	Description
siteName	boolean	0..1	The **getDevice**, **getDevicesQuery** and **searchDevices** methods can return the **siteName** attribute value. You can use <responseConfig> to include or exclude the site name in the response. Also, **siteName** is available as a search parameter for the **getDevicesQuery** and **searchDevices** methods.

Complex Type: searchDeviceResponseData

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceId	deviceId	0..1	See deviceId.
backupDeviceId	string	0..1	The ID of the backup device.
name	string	0..1	The name of the device.
description	string	0..1	The description of the device.
hostTypeName	string	0..1	The host type name.
status	deviceStatusType	0..1	One of the following: • ACTIVE • OBSOLETE • TEST • RETURNED
servedStatus	servedStatusType	0..1	One of the following: • NORMAL • RETURNED • EXPIRED • DROPPED
hosted	boolean	0..1	If true, limits the servers and served clients returned to hosted instances.
soldTo	soldToType	0..1	See soldToType.
hasBufferLicense	boolean	0..1	Does the device have a buffer license?
bufferLicense	base64Binary	0..1	The buffer license as a base-64 encoded, binary capability response.
hasAddonLicense	boolean	0..1	Does the device have an add-on license?
addonLicense	base64Binary	0..1	The add-on license as a base-64 encoded, binary capability response.
publisherIdName	string	0..1	The publishser name.
parentIdentifier	deviceId	0..1	See deviceId.

Content Model

Component	Type	Occurs	Description
machineType	machineTypeType	0..1	The value is a string to match part or all of the machineType: • UNKNOWN • PHYSICAL • VIRTUAL
vmName	string	0..1	The name of the virtual machine on which the device is hosted. If the **machineType** is not VIRTUAL, vmName is NULL.
userString	string	0..1	Name of the user.
userIdentifier	userIdentifierType	0..1	See userIdentifierType.
lastModified	dateTime	0..1	Date the device was last modified.
lastSyncTime	dateTime	0..1	The latest time stamp on any sync messages processed for the server (only applies to server devices).
lastRequestTime	dateTime	0..1	The last date and time a response was generated for the device. It is: • set whenever the device calls in and FlexNet Operations generates a response, and • updated regardless of whether there was a change in the generated response or not (in which case FlexNet Operations replies with an empty license)
addon	addonData	0..*	See addonData.
hasUpdates	boolean	0..1	
siteName	string	0..1	The **getDevice**, **getDevicesQuery** and **searchDevices** methods can return the **siteName** attribute value. You can use <responseConfig> to include or exclude the site name in the response. Also, **siteName** is available as a search parameter for the **getDevicesQuery** and **searchDevices** methods.

Complex Type: searchDevicesParametersType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	SimpleQueryType	0..1	Optional. A **name** contains: • **value**—a string to match part or all of the device name. • **searchType**—one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS
deviceId	SimpleQueryType	0..1	Optional. A **deviceId** contains: • **value**—a string to match part or all of the device ID. • **searchType**—one of the following simpleSearchType values: • STARTS_WITH • CONTAINS • ENDS_WITH • EQUALS

Content Model

Component	Type	Occurs	Description
deviceIdType	DeviceIdTypeQueryType	0..1	Device ID type. The value for **deviceIdType** can be: • UNKNOWN • STRING • ETHERNET • FLEXID9 • FLEXID10 • EXTENDED • INTERNET • INTERNET6 • USER • TOLERANT • VM_UUID TOLERANT should only be used to create a device as the result of a capability request sent from the device itself. That is, FNO honors requests with ID type of TOLERANT, but because there is no FNO code to support it, it should never be used to create or update a device.
deviceClasses	deviceClassList	0..1	One of the following: • CLIENT • SERVER • SERVED_CLIENT
hosted	boolean	0..1	If true, limits the servers and served clients returned to hosted instances.

Content Model

Component	Type	Occurs	Description

parentId	SimpleQueryType	0..1	Optional. A **parentId** contains:
			• **value**—a string to match part or all of the parent server ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

hostTypeName	SimpleQueryType	0..1	Optional. A **hostTypeName** contains:
			• **value**—a string to match part or all of the host type name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

soldTo	SimpleQueryType	0..1	Optional. A **soldTo** account name contains:
			• **value**—a string to match part or all of the sold to account name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

soldToAcctId	SimpleQueryType	0..1	Optional. A **soldToAcctId** contains:
			• **value**—a string to match part or all of the sold to account ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

description	SimpleQueryType	0..1	Optional. A **description** contains:
			• **value**—a string to match part or all of the description.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

status	DeviceStatusQueryType	0..1	See DeviceStateQueryType.

addOnEntitlementId	SimpleQueryType	0..1	Optional. An **addOnEntitlementId** contains:
			• **value**—a string to match part or all of the add-on-entitlement ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

addOnActivationId	SimpleQueryType	0..1	Optional. An **addOnActivationId** contains:
			• **value**—a string to match part or all of the add-on activation ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

addOnProductName	SimpleQueryType	0..1	Optional. An **addOnProductName** contains:
			• **value**—a string to match part or all of the add-on product name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

addOnProductVersion	SimpleQueryType	0..1	Optional. An **addOnProductVersion** contains:
			• **value**—a string to match part or all of the add-on product version number.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

addOnPartNumber	SimpleQueryType	0..1	Optional. An **addOnPartNumber** contains:
			• **value**—a string to match part or all of the add-on part number.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

featureName	SimpleQueryType	0..1	Optional. A **featureName** contains:
			• **value**—a string to match part or all of the Feature name (for served clients).
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

userString	SimpleQueryType	0..1	Optional. A **userString** contains:
			• **value**—a string to match part or all of the device user.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

lastModifiedDate	DateQueryType	0..1	Date the device was last modified.

Content Model

Component	Type	Occurs	Description

addOnExpirationDate	DateQueryType	0..1	You can search and filter by **addOnExpirationDate**. This enhancement enables producers to filter out devices that have expired licenses.
			Here is an example request:
			`<urn:addOnExpirationDate>`
			`<urn:value>2015-10-10</urn:value>`
			`<urn:searchType>AFTER</urn:searchType>`
			`</urn:addOnExpirationDate>`
			
			The **addOnExpirationDate** parameter is returned in the response, based on the response config parameter.

hasLicense	boolean	0..1	You can search and filter by **hasLicense**. This enhancement enables producers to filter out devices that have invalid licenses. Here is an example request: `<urn:hasLicense>true</urn:hasLicense>` The **hasLicense** parameter is returned in the response, based on the response config parameter.
siteName	SimpleQueryType	0..1	The **getDevice**, **getDevicesQuery** and **searchDevices** methods can return the **siteName** attribute value. You can use <responseConfig> to include or exclude the site name in the response. Also, **siteName** is available as a search parameter for the **getDevicesQuery** and **searchDevices** methods.

Complex Type: searchDevicesRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchDevicesParametersType	0..1	See searchDevicesParametersType.
responseConfig	searchDeviceResponseConfigType	0..1	See searchDeviceResponseConfigType.
sortBys	deviceSortBys	0..1	See deviceSortBys.
pageNumber	integer	0..1	Page number.
batchSize	integer	0..1	Batch size.

Referenced By

Name	Type
searchDevicesRequest	Element
searchDevices	Method

Complex Type: searchDevicesResponseData

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	searchDeviceResponseData	0..*	See searchDeviceResponseData.

Complex Type: searchDevicesResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failed	failedSearchDevicesData	0..1	See failedSearchDevicesData.
devices	searchDevicesResponseData	0..1	See searchDevicesResponseData.

Referenced By

Name	Type
searchDevicesResponse	Element

Complex Type: ServerIdsType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
serverId	string	1..2	One or two server identifiers. To be able to add two server identifiers, FlexNet Operations must be configured to allow redundant FlexNet Embedded servers. (Check the **Allow Adding Redundant Server** setting in **System Configuration** > **Embedded Devices**.)

Complex Type: SimpleQueryType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	string	1..1	
searchType	simpleSearchType	1..1	

Complex Type: soldToAcctNameType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
displayName	string	1..1	Account name.
id	string	1..1	Unique database identifier of an account.
name	string	1..1	Account ID.

Complex Type: soldToType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
displayName	string	0..1	Account name.
id	string	1..1	Unique database identifier of an account.
name	string	1..1	Account ID.

Complex Type: successAddonDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..*	See deviceIdentifier.

Complex Type: TermType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
numDuration	integer	1..1	
durationUnit	DurationUnit	1..1	

Complex Type: updateChannelPartnerDataListType~

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
channelPartners	channelPartnerDataListType	0..1	For the list of channelPartners, see channelPartnerDataListType. Though the list of channelPartners is displayed, only one channelPartners can be associated with Device at the moment.
opType	CollectionOperationType	0..1	This is an optional parameter. Choose one of the following operation types: • ADD: Performs the REPLACE operation and displays the warning message "ADD or DELETE are not supported values for the opType element. The method always uses the REPLACE operation.". • REPLACE: The specified updateChannelPartners set replaces the entire existing channel partner set. Individual tiers cannot be updated separately. If an account with a specified contact is replaced by an account without a specified contact, the contact is cleared. • DELETE: Performs the REPLACE operation and displays the warning message "ADD or DELETE are not supported values for the opType element. The method always uses the REPLACE operation.".

Complex Type: updatedDeviceDataListType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	0..*	See deviceIdentifier.

Complex Type: updateDevDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	1..1	See deviceIdentifier.
deviceId	string	0..1	Device ID. Optional, if the identifier of a client device is to be changed.
serverIds	ServerIdsType	0..1	See ServerIdsType. Optional, if the identifier of a server device is to be changed.
deviceIdType	deviceIdTypeType	0..1	Device ID type. The value for deviceIdType can be : • UNKNOWN • STRING • ETHERNET • FLEXID9 • FLEXID10 • EXTENDED • INTERNET • INTERNET6 • USER • TOLERANT • VM_UUID While the deviceIdType in the deviceIdentifier can be used to identify the device being updated, the deviceIdType here in updateDevDataType can be used to change the device ID type of the device being updated. TOLERANT should only be used to create a device as the result of a capability request sent from the device itself. That is, FNO honors requests with ID type of TOLERANT, but because there is no FNO code to support it, it should never be used to create or update a device.

Content Model

Component	Type	Occurs	Description
hostTypeName	hostTypeIdentifier	0..1	Optional. Only necessary if this value must be changed. See hostTypeIdentifier.
publisherIdName	publisherIdentifier	0..1	Optional. Only necessary if this value must be changed. See publisherIdentifier.
description	string	0..1	Device description. Optional, if to be changed.
updateChannelPartners	updateChannelPartnerDataListType	0..1	See updateChannelPartnerDataListType.
customAttributes	attributeDescriptorDataType	0..1	See attributeDescriptorDataType.
alias	string	0..1	Optional. The device alias of a client device or server device. If not set, the alias is defaulted by the application to the first 100 characters of the deviceIdentifier.
user	string	0..1	Device User associated with the device. Leave empty to remove the Device User associated with the device.
siteName	string	0..1	Name of site. If the field is missing or left blank, the siteName wil be unchanged.

Complex Type: updateDevRequestType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	updateDevDataType	1..*	See updateDevDataType.

Referenced By

Name	Type
updateDeviceRequest	Element
updateDevice	Method

Complex Type: updateDevResponseType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedUpdateDevDataListType	0..1	See failedUpdateDevDataListType.
responseData	updatedDeviceDataListType	0..1	See updatedDeviceDataListType.

Referenced By

Name	Type
updateDeviceResponse	Element

Complex Type: updatesType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
updateId	string	0..1	The ID of the update.
downloadPackageId	string	0..1	The ID of the download package.
platform	string	0..1	The software platform the update is for.
language	string	0..1	The language of the update.
status	integer	0..1	A code indicating the update status. Valid values are as follows: 0 - Download started 1 - Download completed 2 - Download failed 3 - Install started 4 - Install completed 8 - Message delivered
statusReason	string	0..1	Appropriate additional information to explain about a particular status code log. (Maximum 100 characters.)

Complex Type: userIdentifierType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniqueId	string	0..1	Unique database identifier of the contact. Note that this is the contact unique identifier, not the user unique identifier.
userName	string	0..1	User's FlexNet Operations login name.
primaryKeys	userPKType	0..1	See userPKType.

Complex Type: userPKType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
firstName	string	1..1	User's first name.
lastName	string	1..1	User's last name.
emailAddress	string	1..1	User's email address.
phoneNumber	string	0..1	User's phone number. Optional.

Complex Type: versionDateAttributesType

Description

This should be filtered out

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
versionDateOption	VersionDateOptionType	0..1	
versionDate	date	0..1	
duration	TermType	0..1	

Simple Types: ManageDeviceService

Simple Types

Name
addOnsType
CollectionOperationType
datedSearchType
deployment
deviceClass
deviceIdTypeType
deviceServedStatusType
deviceSortKey
deviceStatusType
DurationUnit
enumSearchType
externalIdSearchType
licenseStateType
machineTypeType
numberSearchType
OpsEmbeddedStatusType
servedStatusType
simpleSearchType
VersionDateOptionType
WSDeviceType

Simple Type: addOnsType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
MAINTENANCELINEITEM	
LINEITEM	

Simple Type: CollectionOperationType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
REPLACE	
ADD	
DELETE	

Simple Type: datedSearchType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
BEFORE	
AFTER	
ON	

Simple Type: deployment

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
LOCAL	
CLOUD	

Simple Type: deviceClass

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CLIENT	
SERVER	
SERVED_CLIENT	

Simple Type: deviceIdTypeType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
UNKNOWN	
STRING	
ETHERNET	
FLEXID9	
FLEXID10	
VM_UUID	
INTERNET	
INTERNET6	
USER	
TOLERANT	
EXTENDED	
PUBLISHER_DEFINED	
CONTAINER_ID	

Simple Type: deviceServedStatusType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
NORMAL	
RETURNED	
EXPIRED	
DROPPED	

Simple Type: deviceSortKey

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
DEVICE_ID	
NAME	
LAST_MODIFIED_DATE	
SOLD_TO_ACCOUNT_ID	
SOLD_TO_ACCOUNT_NAME	
DEVICE_ID_TYPE	
DEVICE_CLASS	
HOST_TYPE_NAME	
HOST_TYPE_ALIAS	
HOST_SERIES_NAME	
SIGNATURE_NAME	
STATUS	
PARENT_IDENTIFIER	
USER	
MACHINE_TYPE	

Simple Type: deviceStatusType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
ACTIVE	
OBSOLETE	
TEST	
RETURNED	

Simple Type: DurationUnit

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
DAYS	
WEEKS	
MONTHS	
YEARS	

Simple Type: enumSearchType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
EQUALS	
NOT_EQUALS	

Simple Type: externalIdSearchType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
EQUALS	
NOT_EQUALS	

Simple Type: licenseStateType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
UNDEFINED	
LICENSE_NOT_GENERATED	
LICENSE_GENERATED	
MARKED_FOR_REMOVAL	
REMOVED_FROM_LICENSE	
REMOVAL_PENDING_CONFIRMATION	
COPIES_INCREASING	
COPIES_DECREASING	
WAITING_FOR_CONFIRMATION	
EXPIRED	
OBSOLETE	
INACTIVE	

Simple Type: machineTypeType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
UNKNOWN	
PHYSICAL	
VIRTUAL	

Simple Type: numberSearchType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
GREATER_THAN	
GREATER_THAN_EQUALS	
LESS_THAN	
LESS_THAN_EQUALS	
EQUALS	
NOT_EQUALS	

Simple Type: OpsEmbeddedStatusType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
SUCCESS	
FAILURE	
PARTIAL_FAILURE	
NOT_SUPPORTED	

Simple Type: servedStatusType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
NORMAL	
RETURNED	
EXPIRED	
DROPPED	

Simple Type: simpleSearchType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
STARTS_WITH	
CONTAINS	
ENDS_WITH	
EQUALS	

Simple Type: VersionDateOptionType

Description

This should be filtered out

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
DEFINE_NOW	
USE_START_DATE	
USE_ACTIVATION_DATE	
DEFINE_VERSION_STARTDATE_LATER	
DEFINE_VERSION_DATE_LATER	

Simple Type: WSDeviceType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CLIENT	
SERVER	
SERVED_CLIENT	

Elements: ManageDeviceService

Elements

Name	Description
countDevicesRequest	A **countDevicesRequest** message contains an element of countDevicesRequestType.
countDevicesResponse	A **countDevicesResponse** message contains an element of countDevicesResponseType.
createDeviceRequest	A **createDeviceRequest** message contains an element of createDevRequestType.
createDeviceResponse	A **createDeviceResponse** message contains an element of createDevResponseType.
decrementAddonLineItemsRequest	A **decrementAddonLineItemsRequest** message contains an element of linkAddonLineItemsRequestType. It decrements an existing count.
decrementAddonLineItemsResponse	A **decrementAddonLineItemsResponse** message contains an element of linkAddonLineItemsResponseType.
deleteAddonLineItemsRequest	A **deleteAddonLineItemsRequest** message contains an element of deleteAddonLineItemsRequestType.
deleteAddonLineItemsResponse	A **deleteAddonLineItemsResponse** message contains an element of deleteAddonLineItemsResponseType.
deleteDeviceRequest	A **deleteDeviceRequest** message contains an element of deleteDeviceRequestType.
deleteDeviceResponse	A **deleteDeviceResponse** message contains an element of deleteDeviceResponseType.
generateCapabilityResponseRequest	A **generateCapabilityResponseRequest** message contains an element of generateCapabilityResponseRequestType.
generateCapabilityResponseResponse	A **generateCapabilityResponseResponse** message contains an element of generateCapabilityResponseResponseType.
generateCloneDetectionReportRequest	A **generateCloneDetectionReportRequest** message contains an element of generateCloneDetectionReportRequest.
generateCloneDetectionReportResponse	A **generateCloneDetectionReportResponse** message contains an element of generateCloneDetectionReportResponse.
generatePrebuiltLicenseRequest	A **generatePrebuiltLicenseRequest** message contains an element of generatePrebuiltLicenseRequestType.
generatePrebuiltLicenseResponse	A **generatePrebuiltLicenseResponse** message contains an element of generatePrebuiltLicenseResponseType.
getAutoProvisionedServerRequest	A **getAutoProvisionedServerRequest** message contains an element of getAutoProvisionedServerRequest.
getAutoProvisionedServerResponse	A **getAutoProvisionedServerResponse** message contains an element of getAutoProvisionedServerResponse.
getDeviceCountRequest	A **getDeviceCountRequest** message contains an element of getDevicesCountRequestType.
getDeviceCountResponse	A **getDeviceCountResponse** message contains an element of getDeviceCountResponseType.
getDeviceRequest	A **getHostRequest** message contains an element of getHostRequestType.

Elements

Name	Description
getDeviceResponse	A **getHostResponse** message contains an element of getHostResponseType.
getDevicesRequest	A **getDevicesRequest** message contains an element of getDevicesRequestType.
getDevicesResponse	A **getDevicesResponse** message contains an element of getDevicesResponseType.
incrementAddonLineItemsRequest	A **incrementAddonLineItemsRequest** message contains an element of linkAddonLineItemsRequestType. It increments an existing count. ***NOTE**: While it is possible to activate an expired entitlement line item with an activation ID using the SOAP API, there is no purpose for doing so. Activating expired line items is not allowed when using the FlexNet Operations Producer Portal.*
incrementAddonLineItemsResponse	A **incrementAddonLineItemsResponse** message contains an element of linkAddonLineItemsResponseType.
linkAddonLineItemsRequest	A **linkAddonLineItemsRequest** message contains an element of linkAddonLineItemsRequestType. ***NOTE**: While it is possible to activate an expired entitlement line item with an activation ID using the SOAP API, there is no purpose for doing so. Activating expired line items is not allowed when using the FlexNet Operations Producer Portal.*
linkAddonLineItemsResponse	A **linkAddonLineItemsResponse** message contains an element of linkAddonLineItemsResponseType.
moveDeviceRequest	A **moveDeviceRequest** message contains an element of moveDeviceRequestType.
moveDeviceResponse	A **moveDeviceResponse** message contains an element of moveDeviceResponseType.
obsoleteHostRequest	An **obsoleteHostRequest** message contains an element of obsoleteHostRequestListType.
obsoleteHostResponse	An **obsoleteHostResponse** message contains an element of obsoleteHostResponseType.
returnHostRequest	A **returnHostRequest** message contains an element of returnHostRequestListType.
returnHostResponse	A **returnHostResponse** message contains an element of returnHostResponseType.
searchDevicesRequest	
searchDevicesResponse	
updateDeviceRequest	An **updateDevRequest** message contains an element of updateDevRequestType.
updateDeviceResponse	An **updateDevResponse** message contains an element of updateDevResponseType.
zeroCountAddonLineItemsRequest	Defines the request payload to set Activation IDs with zero license allocation on a Cloud License Server (CLS), helping distinguish restricted entitlements.
zeroCountAddonLineItemsResponse	Returns the result of setting zero allocation mappings on a Cloud License Server.

Element: countDevicesRequest

Description

A **countDevicesRequest** message contains an element of countDevicesRequestType.

Derived By

Type countDevicesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchDevicesParametersType	0..1	See searchDevicesParametersType.

Referenced By

Name	Type
countDevices	Method

XML Example

The following XML fragment illustrates a **countDevicesRequest** message:

```
<countDevicesRequest>
  <queryParams>
    <name>
      <value>c</value>
      <searchType>STARTS_WITH</searchType>
    </name>
  </queryParams>
</countDevicesRequest>
```

Element: countDevicesResponse

Description

A **countDevicesResponse** message contains an element of countDevicesResponseType.

Derived By

Type countDevicesResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedCountDevicesData	0..1	See failedCountDevicesData.
responseData	countDevicesResponseData	0..1	See countDevicesResponseData.

Referenced By

Name	Type
countDevices	Method

XML Example

The following XML fragments illustrate countDevicesResponse messages:

Sample Successful Response Data:

```
<countDevicesResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <count>1</count>
  </responseData>
</countDevicesResponse>
```

Sample Failed Response Data, if no devices match:

```
<countDevicesResponse>
  <statusInfo>
    <status>FAILURE</status>
  </statusInfo>
  <failedData>
    <reason>9999:java.lang.NullPointerException</reason>
  </failedData>
</countDevicesResponse>
```

Element: createDeviceRequest

Description

A **createDeviceRequest** message contains an element of createDevRequestType.

Derived By

Type createDevRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	deviceDataType	1..*	Name of the device. See deviceDataType.

Referenced By

Name	Type
createDevice	Method

XML Example

The following XML fragment illustrates a **createDeviceRequest** message:

```
<createDeviceRequest>
    <!--1 or more repetitions:-->
    <device>
      <deviceIdentifier>
        <deviceType>?</deviceType>
        <!--Optional:-->
        <deviceId>?</deviceId>
        <!--Optional:-->
        <serverIds>
          <!--1 or more repetitions:-->
          <serverId>?</serverId>
        </serverIds>
        <deviceIdType>ETHERNET</deviceIdType>
      </deviceIdentifier>
      <hostTypeName>
        <name>?</name>
      </hostTypeName>
      <publisherIdName>
        <name>?</name>
      </publisherIdName>
      <!--Optional:-->
      <description>?</description>
      <!--Optional:-->
      <channelPartners>
        <!--Zero or more repetitions:-->
        <channelPartner>
          <tierName>?</tierName>
          <accountUnit>
            <!--Optional:-->
            <uniqueId>?</uniqueId>
```

XML Example

```
            <!--Optional:-->
            <primaryKeys>
              <name>?</name>
            </primaryKeys>
          </accountUnit>
          <!--Optional:-->
          <contact>
            <!--Optional:-->
            <uniqueId>?</uniqueId>
            <!--Optional:-->
            <userName>?</userName>
            <!--Optional:-->
            <primaryKeys>
              <firstName>?</firstName>
              <lastName>?</lastName>
              <emailAddress>?</emailAddress>
              <!--Optional:-->
              <phoneNumber>?</phoneNumber>
            </primaryKeys>
          </contact>
        </channelPartner>
      </channelPartners>
      <!--Optional-->
      <alias>?</alias>
    </device>
  </createDeviceRequest>
```

Element: createDeviceResponse

Description

A **createDeviceResponse** message contains an element of createDevResponseType.

Derived By

Type createDevResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedCreateDevDataListType	0..1	See failedCreateDevDataListType.
responseData	createdDeviceDataListType	0..1	See createdDeviceDataListType.

Referenced By

Name	Type
createDevice	Method

XML Example

The following XML fragments illustrate **createDeviceResponse** messages:

Sample Successful Response Data:

```
<createDeviceResponse>
      <statusInfo>
        <status>SUCCESS</status>
      </statusInfo>
      <responseData>
        <deviceIdentifier>
          <deviceType>CLIENT</deviceType>

          <deviceId>545454</deviceId>
        </deviceIdentifier>
      </responseData>
</createDeviceResponse>
```

Sample Failed Response Data:

```
    <createDeviceResponse>
      <statusInfo>
        <status>FAILURE</status>
      </statusInfo>
      <failedData>
        <failedDevice>
```

XML Example


```
        <device>
          <deviceIdentifier>
            <deviceType>CLIENT</deviceType>
            <deviceId>1111</deviceId>
            <deviceIdType>STRING</deviceIdType>
          </deviceIdentifier>
          <hostTypeName>
            <name>gizmo-1</name>
          </hostTypeName>
          <publisherIdName>
            <name>demo-trl-low</name>
          </publisherIdName>
          <description>a client device</description>
          <channelPartners>
            <channelPartner>
              <tierName>bo.constants.partnertiernames.endcustomer</tierName>
              <accountUnit>
                <primaryKeys>
                  <name>ACME</name>
                </primaryKeys>
              </accountUnit>
              <contact>
                <primaryKeys>
                  <firstName>ACME</firstName>
                  <lastName>Admin</lastName>
                  <emailAddress>admin@acme.co</emailAddress>
                </primaryKeys>
              </contact>
            </channelPartner>
          </channelPartners>
        </device>
        <reason>20008:Cannot create Device:  Device with host id "1111" already exists. [Incident# 8653-231]</reason>
      </failedDevice>
    </failedData>
  </createDeviceResponse>
```

Element: decrementAddonLineItemsRequest

Description

A **decrementAddonLineItemsRequest** message contains an element of linkAddonLineItemsRequestType. It decrements an existing count.

Derived By

Type linkAddonLineItemsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	linkAddonLineItemDataType	1..*	See linkAddonLineItemDataType.

Referenced By

Name	Type
decrementAddonLineItems	Method

XML Example

The following XML fragment illustrates a **decrementAddonLineItemsRequest** message:

```
<decrementAddonLineItemsRequest>
  <requestList>
    <deviceIdentifier>
      <deviceType>CLIENT</deviceType>
      <deviceId>6565</deviceId>
      <deviceIdType>STRING</deviceIdType>
      <publisherName>demo</publisherName>
    </deviceIdentifier>
    <lineItem>
      <lineItemIdentifier>
        <activationId>Online_Reg_ACT58_A</activationId>
        <count>10</count>
      </lineItemIdentifier>
    </lineItem>
  </requestList>
</decrementAddonLineItemsRequest>
```

Element: decrementAddonLineItemsResponse

Description

A **decrementAddonLineItemsResponse** message contains an element of linkAddonLineItemsResponseType.

Derived By

Type linkAddonLineItemsResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	linkFailAddonDataListType	0..1	See linkFailAddonDataListType.
responseData	successAddonDataListType	0..1	See successAddonDataListType.

Referenced By

Name	Type
decrementAddonLineItems	Method

XML Example

The following XML fragment illustrates a **decrementAddonLineItemsResponse** message:

```
<decrementAddonLineItemsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <deviceIdentifier>
      <deviceType>CLIENT</deviceType>
      <deviceId>6565</deviceId>
      <deviceIdType>STRING</deviceIdType>
      <publisherName>demo</publisherName>
    </deviceIdentifier>
  </responseData>
</decrementAddonLineItemsResponse>
```

Element: deleteAddonLineItemsRequest

Description

A **deleteAddonLineItemsRequest** message contains an element of deleteAddonLineItemsRequestType.

Derived By

Type deleteAddonLineItemsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	deleteAddonLineItemDataType	1..*	See deleteAddonLineItemDataType.

Referenced By

Name	Type
deleteAddonLineItems	Method

XML Example

The following XML fragment illustrates a **deleteAddonLineItemsRequest** message:

```
<deleteAddonLineItemsRequest>
      <!--1 or more repetitions:-->
      <requestList>
        <deviceIdentifier>
          <deviceType>?</deviceType>
          <!--Optional:-->
          <uniqueId>?</uniqueId>
          <!--Optional:-->
          <deviceId>?</deviceId>
          <!--Optional:-->
          <serverIds>
            <!--1 or more repetitions:-->
            <serverId>?</serverId>
          </serverIds>
        </deviceIdentifier>
        <!--1 or more repetitions:-->
        <lineItem>
          <lineItemIdentifier>
            <!--Optional:-->
            <activationId>?</activationId>
          </lineItemIdentifier>
        </lineItem>
      </requestList>
    </deleteAddonLineItemsRequest>
```

Element: deleteAddonLineItemsResponse

Description

A **deleteAddonLineItemsResponse** message contains an element of deleteAddonLineItemsResponseType.

Derived By

Type deleteAddonLineItemsResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	deleteFailAddonDataListType	0..1	See deleteFailAddonDataListType.
responseData	successAddonDataListType	0..1	See successAddonDataListType.

Referenced By

Name	Type
deleteAddonLineItems	Method

XML Example

The following XML fragments illustrate **deleteAddonLineItemsResponse** messages:

Sample Successful Response Data:

```
<deleteAddonLineItemsResponse>
    <statusInfo>
      <status>SUCCESS</status>
    </statusInfo>
    <responseData>
      <deviceIdentifier>
        <deviceType>CLIENT</deviceType>

        <deviceId>1111</deviceId>
      </deviceIdentifier>
    </responseData>
</deleteAddonLineItemsResponse>
```

Sample Failed Response Data:

```
<deleteAddonLineItemsResponse>
    <statusInfo>
      <status>FAILURE</status>
    </statusInfo>
    <failedData>
      <failAddon>
```

XML Example


```
        <deviceIdentifier>
          <deviceType>CLIENT</deviceType>

        </deviceIdentifier>
        <lineItem>
          <lineItemIdentifier>
            <activationId>se-cp-1</activationId>
          </lineItemIdentifier>
        </lineItem>
        <reason>9999:Add-on to remove "se-cp-1" is not currently linked.</reason>
      </failAddon>
    </failedData>
  </deleteAddonLineItemsResponse>
```

Element: deleteDeviceRequest

Description

A **deleteDeviceRequest** message contains an element of deleteDeviceRequestType.

Derived By

Type deleteDeviceRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	deviceIdentifier	1..*	Name of the device. See deviceIdentifier.

Referenced By

Name	Type
deleteDevice	Method

XML Example

The following XML fragment illustrates a **deleteDeviceRequest** message:

```
<deleteDeviceRequest>
      <!--1 or more repetitions:-->
      <deviceIdentifier>
        <deviceType>?</deviceType>
        <!--Optional:-->
        <uniqueId>?</uniqueId>
        <!--Optional:-->
        <deviceId>?</deviceId>
        <!--Optional:-->
        <serverIds>
          <!--1 or more repetitions:-->
          <serverId>?</serverId>
        </serverIds>
      </deviceIdentifier>
    </deleteDeviceRequest>
```

Element: deleteDeviceResponse

Description

A **deleteDeviceResponse** message contains an element of deleteDeviceResponseType.

Derived By

Type deleteDeviceResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedDeleteDevDataListType	0..1	See failedDeleteDevDataListType.

Referenced By

Name	Type
deleteDevice	Method

XML Example

The following XML fragments illustrate **deleteDeviceResponse** messages:

Sample Successful Response Data:

```
<deleteDeviceResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</deleteDeviceResponse>
```

Sample Failed Response Data:

```
<deleteDeviceResponse>
  <statusInfo>
    <status>FAILURE</status>
  </statusInfo>
  <failedData>
    <failedDevice>
      <deviceIdentifier>
        <deviceType>SERVER</deviceType>
        <serverIds>
          <serverId>xxxx</serverId>
          <serverId>yyyy</serverId>
        </serverIds>
      </deviceIdentifier>
      <reason>20064:An active device cannot be deleted.</reason>
    </failedDevice>
  </failedData>
```

XML Example

```
</deleteDeviceResponse>
```

Element: generateCapabilityResponseRequest

Description

A **generateCapabilityResponseRequest** message contains an element of generateCapabilityResponseRequestType.

Derived By

Type generateCapabilityResponseRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	capabilityRequestType	0..*	See capabilityRequestType. Specify a device to generate a capability response based on web service parameters. If no device is specified, you must specify a capability request.
request	base64Binary	0..*	A base-64 encoded, binary capability request. Specify a request to generate a capability response based on a capability request. If no request is specified, the generateCapabilityResponse operation requires that you specify a device and provide sufficient data via capabilityRequestType elements to generate the response.

Referenced By

Name	Type
generateCapabilityResponse	Method

The following XML fragment illustrates a **generateCapabilityResponseRequest** message.

```
<generateCapabilityResponseRequest>
   <!--Zero or more repetitions:-->
   <device>
      <deviceIdentifier>
         <deviceType>?</deviceType>
         <!--Optional:-->
         <uniqueId>?</uniqueId>
         <!--Optional:-->
         <deviceId>?</deviceId>
         <!--Optional:-->
         <serverIds>
            <!--1 or more repetitions:-->
            <serverId>?</serverId>
         </serverIds>
         <!--Optional:-->
         <deviceIdType>?</deviceIdType>
      </deviceIdentifier>
      <!--Optional:-->
      <lastUpdateTime>?</lastUpdateTime>
      <!--Optional:-->
      <force>?</force>
```

```
      <!--Optional:-->
      <vendorDictionary>
        <!--1 or more repetitions:-->
        <entry>
          <name>?</name>
          <!--Optional:-->
          <stringValue>?</stringValue>
          <!--Optional:-->
          <numberValue>?</numberValue>
        </ops:entry>
      </vendorDictionary>
      <!--Zero or more repetitions:-->
      <lineItem>
        <lineItemIdentifier>
          <!--Optional:-->
          <activationId>?</activationId>
          <!--Optional:-->
          <count>?</count>
        </lineItemIdentifier>
      </lineItem>
     <!--Optional:-->
      <bufferLicense>?</bufferLicense>
     </device>
</generateCapabilityResponseRequest>
```

Element: generateCapabilityResponseResponse

Description

A **generateCapabilityResponseResponse** message contains an element of generateCapabilityResponseResponseType.

Derived By

Type generateCapabilityResponseResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedGenerateCapabilityResponseDataType	0..1	See failedGenerateCapabilityResponseDataType.
responseData	generateCapabilityResponseDataType	0..1	See generateCapabilityResponseDataType.

Referenced By

Name	Type
generateCapabilityResponse	Method

XML Example

The following XML fragments illustrate **generateCapabilityResponseResponse** messages:

Sample Successful Capability Response Data:

```
<generateCapabilityResponseResponse>
    <statusInfo>
      <status>SUCCESS</status>
    </statusInfo>
    <responseData>
      <device>
        <deviceIdentifier>
          <deviceType>CLIENT</deviceType>

          <deviceId>555555</deviceId>
        </deviceIdentifier>
        <addonLicense>?</addonLicense>
      </device>
    </responseData>
</generateCapabilityResponseResponse>
```

Sample Successful Buffer Response Data:

```
<generateCapabilityResponseResponse xmlns="urn:com.macrovision:flexnet/opsembedded">
    <statusInfo>
      <status>SUCCESS</status>
```

XML Example

```
    </statusInfo>
    <responseData>
      <device>
        <deviceIdentifier>
          <deviceType>CLIENT</deviceType>

          <deviceId>bufDev</deviceId>
          <deviceIdType>STRING</deviceIdType>
        </deviceIdentifier>
        <addonLicense>?</addonLicense>
        <bufferLicense>true</bufferLicense>
      </device>
    </responseData>
  </generateCapabilityResponseResponse>
```

Sample Failed Response Data:

```
<generateCapabilityResponseResponse>
  <statusInfo>
    <status>FAILURE</status>
  </statusInfo>
  <failedData>
    <failedDevice>
      <deviceIdentifier>
        <deviceType>CLIENT</deviceType>
        <deviceId>555555</deviceId>
      </deviceIdentifier>
      <reason>20022:Device Identifier is invalid.</reason>
    </failedDevice>
  </failedData>
</generateCapabilityResponseResponse>
```

Element: generateCloneDetectionReportRequest

Description

A **generateCloneDetectionReportRequest** message contains an element of generateCloneDetectionReportRequest.

Derived By

Type generateCloneDetectionReportRequest

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
enterpriseIds	anyType (restriction)	0..1	System account ID.
enterpriseId	string	1..*	
startDate	dateTime	1..1	The start date of the date range (Event time should >=startDate).
endDate	dateTime	1..1	The end date of the date range (Event time should <=endDate).
pageNumber	integer	0..1	Required. Starts at 1. Say the **generateCloneDetectionReport** operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set pageNumber to 2.
batchSize	integer	0..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
generateCloneDetectionReport	Method

XML Example

The following XML fragment illustrates a **generateCloneDetectionReportRequest** message:

```
<generateCloneDetectionReportRequest>
    <enterpriseIds>
        <enterpriseId>4</enterpriseId>
    </enterpriseIds>
    <startDate>2016-11-01T20:14:07</startDate>
    <endDate>2016-11-06T20:45:04+05:30</endDate>
    <pageNumber>1</pageNumber>
    <batchSize>100</batchSize>
 </generateCloneDetectionReportRequest>
```

Element: generateCloneDetectionReportResponse

Description

A **generateCloneDetectionReportResponse** message contains an element of generateCloneDetectionReportResponse.

Derived By

Type generateCloneDetectionReportResponse

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
cloneSuspects	anyType (restriction)	1..1	See cloneSuspect.
cloneSuspect	cloneSuspect	1..*	

Referenced By

Name	Type
generateCloneDetectionReport	Method

XML Example

The following XML fragment illustrates a **generateCloneDetectionReportResponse** message:

```
<generateCloneDetectionReportResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <cloneSuspects>
    <cloneSuspect>
      <timeStamp>2016-11-07T10:23:24.190Z</timeStamp>
      <hostClass>SERVED_CLIENT</hostClass>
      <deviceId>served_clone_dev1</deviceId>
      <serverId>9U3D3HZHFE7B</serverId>
      <lineItemActivationIds/>
      <acctId>pritam inc</acctId>
      <acctName>pritam inc</acctName>
      <enterpriseId>4</enterpriseId>
    </cloneSuspect>
    <cloneSuspect>
      <timeStamp>2016-11-07T10:21:24.293Z</timeStamp>
      <hostClass>SERVED_CLIENT</hostClass>
      <deviceId>served_clone_dev1</deviceId>
      <serverId>9U3D3HZHFE7B</serverId>
      <lineItemActivationIds/>
      <acctId>pritam inc</acctId>
      <acctName>pritam inc</acctName>
      <enterpriseId>4</enterpriseId>
    </cloneSuspect>
```

XML Example

```
    </cloneSuspects>
  </generateCloneDetectionReportResponse>
```

Element: generatePrebuiltLicenseRequest

Description

A **generatePrebuiltLicenseRequest** message contains an element of generatePrebuiltLicenseRequestType.

Derived By

Type generatePrebuiltLicenseRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestDataList	generatePrebuiltLicenseDataType	1..*	See generatePrebuiltLicenseDataType.

Referenced By

Name	Type
generatePrebuiltLicense	Method

XML Example

The following XML fragment illustrates a **generatePrebuiltLicenseRequest** message:

```
<generatePrebuiltLicenseRequest>
    <!--1 or more repetitions:-->
    <requestDataList>
      <deviceIdentifier>
        <deviceType>?</deviceType>
        <!--Optional:-->
        <uniqueId>?</uniqueId>
        <!--Optional:-->
        <deviceId>?</deviceId>
        <!--Optional:-->
        <serverIds>
          <!--1 or more repetitions:-->
          <serverId>?</serverId>
        </serverIds>
      </deviceIdentifier>
      <!--Optional:-->
      <product>
        <!--Optional:-->
        <uniqueId>?</uniqueId>
        <!--Optional:-->
        <primaryKeys>
          <name>?</name>
          <!--Optional:-->
          <version>?</version>
        </primaryKeys>
      </product>
      <!--Optional:-->
      <licenseModel>
```

XML Example

```
        <!--Optional:-->
        <uniqueId>?</uniqueId>
        <!--Optional:-->
        <primaryKeys>
          <name>?</name>
        </primaryKeys>
      </licenseModel>
      <!--Optional:-->
      <licenseModelAttributes>
        <!--Zero or more repetitions:-->
        <attribute>
          <attributeName>?</attributeName>
          <!--You have a CHOICE of the next 5 items at this level-->
          <!--Optional:-->
          <stringValue>?</stringValue>
          <!--Optional:-->
          <dateValue>?</dateValue>
          <!--Optional:-->
          <booleanValue>?</booleanValue>
          <!--Optional:-->
          <integerValue>?</integerValue>
          <!--Zero or more repetitions:-->
          <arrayValue>?</arrayValue>
        </attribute>
      </licenseModelAttributes>
      <!--Optional:-->
      <startDate>?</startDate>
      <!--Optional:-->
      <isPermanent>?</isPermanent>
      <!--Optional:-->
      <term>
        <numDuration>?</numDuration>
        <durationUnit>?</durationUnit>
      </term>
      <!--Optional:-->
      <expirationDate>?</expirationDate>
    </requestDataList>
  </generatePrebuiltLicenseRequest>
```

Element: generatePrebuiltLicenseResponse

Description

A **generatePrebuiltLicenseResponse** message contains an element of generatePrebuiltLicenseResponseType.

Derived By

Type generatePrebuiltLicenseResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedGeneratePrebuiltLicenseDataListType	0..1	See failedGeneratePrebuiltLicenseDataListType.
responseData	generatePrebuiltLicenseDataListType	0..1	See generatePrebuiltLicenseListType.

Referenced By

Name	Type
generatePrebuiltLicense	Method

XML Example

The following XML fragments illustrate **generatePrebuiltLicenseResponse** messages:

Sample Successful Response Data:

```
<generatePrebuiltLicenseResponse>
    <statusInfo>
      <status>SUCCESS</status>
    </statusInfo>
    <responseData>
      <deviceIdentifier>
        <deviceType>CLIENT</deviceType>

        <deviceId>555555</deviceId>
      </deviceIdentifier>
    </responseData>
</generatePrebuiltLicenseResponse>
```

Sample Failed Response Data:

```
<generatePrebuiltLicenseResponse>
    <statusInfo>
      <status>FAILURE</status>
    </statusInfo>
    <failedData>
      <failedDevice>
```

XML Example

```
            <deviceIdentifier>
              <deviceType>CLIENT</deviceType>
              <deviceId>555555</deviceId>
            </deviceIdentifier>
            <reason>20026:Cannot generate license for obsolete device.</reason>
          </failedDevice>
        </failedData>
    </generatePrebuiltLicenseResponse>
```

Element: getAutoProvisionedServerRequest

Description

A **getAutoProvisionedServerRequest** message contains an element of getAutoProvisionedServerRequest.

Derived By

Type getAutoProvisionedServerRequest

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
acctName	string	1..1	The account/enterprise for which we intend to retrieve the Cloud License Server (also referred to as autoprovisioned server).

Referenced By

Name	Type
getAutoProvisionedServer	Method

XML Example

The following XML fragment illustrates a **getAutoProvisionedServerRequest** message:

```
<getAutoProvisionedServerRequest>
  <acctName>MyOrg INC</acctName>
</getAutoProvisionedServerRequest>
```

Element: getAutoProvisionedServerResponse

Description

A **getAutoProvisionedServerResponse** message contains an element of getAutoProvisionedServerResponse.

Derived By

Type getAutoProvisionedServerResponse

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
cloudLicenseServer	deviceIdentifier	0..1	See deviceIdentifier.

Referenced By

Name	Type
getAutoProvisionedServer	Method

XML Example

The following XML fragment illustrates a **getAutoProvisionedServerResponse** message:

```
<getAutoProvisionedServerResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <cloudLicenseServer>
    <deviceType>SERVER</deviceType>
    <uniqueId>LYZYZM7S7E8C</uniqueId>
    <deviceId>LYZYZM7S7E8C</deviceId>
    <serverIds>
      <serverId>LYZYZM7S7E8C</serverId>
    </serverIds>
    <deviceIdType>STRING</deviceIdType>
    <publisherName>fnedemo</publisherName>
  </cloudLicenseServer>
</getAutoProvisionedServerResponse>
```

Element: getDeviceCountRequest

Description

A **getDeviceCountRequest** message contains an element of getDevicesCountRequestType.

Derived By

Type getDevicesCountRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	getDevicesParametersType	0..1	See getDevicesParametersType.

Referenced By

Name	Type
getDeviceCount	Method

XML Example

The following XML fragment illustrates a **getDeviceCountRequest** message:

```
<getDevicesRequest>
    <!--Optional:-->
    <queryParams>
      <!--Optional:-->
      <deviceId>
        <value>?</value>
        <searchType>?</searchType>
      </deviceId>
      <!--Optional:-->
      <deviceIdType>
        <value>ETHERNET</value>
        <searchType>EQUALS</searchType>
      </deviceIdType>
      <!--Optional:-->
      <hostTypeName>
        <value>?</value>
        <searchType>?</searchType>
      </hostTypeName>
      <!--Optional:-->
      <soldTo>
        <value>?</value>
        <searchType>?</searchType>
      </soldTo>
      <soldToAcctId>
        <value>account_id</value>
        <searchType>EQUALS</searchType>
      </soldToAcctId>
      <!--Optional:-->
```

XML Example

```
      <machineType>
        <value>PHYSICAL</value>
        <searchType>EQUALS</searchType>
      </machineType>
    </queryParams>
  </getDevicesRequest>
```

Element: getDeviceCountResponse

Description

A **getDeviceCountResponse** message contains an element of getDeviceCountResponseType.

Derived By

Type getDeviceCountResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedGetDevicesDataType	0..1	See failedGetDevicesDataType.
responseData	getDeviceCountResponseDataType	0..1	See getDeviceCountResponseDataType.

Referenced By

Name	Type
getDeviceCount	Method

XML Example

The following XML fragments illustrate **getDeviceCountResponse** messages:

Sample Successful Response Data:

```
<getDeviceCountResponse>
    <statusInfo>
      <status>SUCCESS</status>
    </statusInfo>
    <responseData>
      <count>2</count>
    </responseData>
  </getDeviceCountResponse>
```

Sample Failed Response Data, if no devices match:

```
<getDeviceCountResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <count>0</count>
  </responseData>
</getDeviceCountResponse>
```

Element: getDeviceRequest

Description

A **getHostRequest** message contains an element of getHostRequestType.

Derived By

Type getDeviceRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceId	deviceId	1..1	See deviceId.
responseConfig	getDeviceResponseConfigType	0..1	See getDeviceResponseConfigType.

Referenced By

Name	Type
getDevice	Method

Element: getDeviceResponse

Description

A **getHostResponse** message contains an element of getHostResponseType.

Derived By

Type getDeviceResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedDevice	failedGetDeviceDataType	0..1	See failedGetDeviceDataType.
device	getDeviceResponseData	0..1	See getDeviceResponseData.

Referenced By

Name	Type
getDevice	Method

Element: getDevicesRequest

Description

A **getDevicesRequest** message contains an element of getDevicesRequestType.

Derived By

Type getDevicesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	getDevicesParametersType	0..1	See getDevicesParametersType.

Content Model

Component	Type	Occurs	Description
deviceResponseConfig	deviceResponseConfigRequestType	0..1	Specifies the configuration settings to be included in the response. Includes the following boolean elements: • alias • description • status • servedStatus • hostTypeName • soldTo • channelPartners • preBuiltLicense • addOnActivationId • addOnCounts • addOnProduct • addOnLicense • addOnExpirationDateOverride • publisherIdentity • parent • machineType • vmDetails • vmInfo • vendorDictionary • deviceUser **Note:** If **channelPartners** is selected, the response includes only the account in the End Customer tier (bo.constants.partnertiernames.endcustomer).

Content Model

Component	Type	Occurs	Description
pageNumber	integer	1..1	Required. Starts at 1. Say the operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

Referenced By

Name	Type
getDevicesQuery	Method

XML Example

The following XML fragment illustrates a **getDevicesRequest** message:

```
<getDevicesRequest>
    <!--Optional:-->
    <queryParams>
      <!--Optional:-->
      <deviceId>
        <value>?</value>
        <searchType>?</searchType>
      </deviceId>
    </queryParams>
    <!--Optional:-->
    <deviceResponseConfig>
      <!--Optional:-->
      <alias>1</alias>
      <!--Optional:-->
      <description>1</description>
      <!--Optional:-->
      <status>1</status>
      <!--Optional:-->
      <servedStatus>1</servedStatus>
      <!--Optional:-->
      <hostTypeName>1</hostTypeName>
      <!--Optional:-->
      <soldTo>1</soldTo>
      <!--Optional:-->
      <channelPartners>1</channelPartners>
      <!--Optional:-->
      <preBuiltProduct>1</preBuiltProduct>
      <!--Optional:-->
      <preBuiltLicense>1</preBuiltLicense>
      <!--Optional:-->
      <addOnActivationId>1</addOnActivationId>
      <!--Optional:-->
      <addOnCounts>1</addOnCounts>
      <!--Optional:-->
      <addOnProduct>1</addOnProduct>
      <!--Optional:-->
      <addOnLicense>1</addOnLicense>
      <!--Optional:-->
      <features>1</features>
      <!--Optional:-->
```

XML Example

```
        <customAttributes>
          <!--Zero or more repetitions:-->
          <attribute>
            <attributeName>LATITUDE</attributeName>
          </attribute>
        </customAttributes>
        <!--Optional:-->
        <publisherIdentity>1</publisherIdentity>
        <!--Optional:-->
        <parent>1</parent>
        <machineType>1</machineType>
        <vmDetails>1</vmDetails>
        <vmInfo>1</vmInfo>
        <vendorDictionary>1</vendorDictionary>
      </deviceResponseConfig>
      <pageNumber>?</pageNumber>
      <batchSize>?</batchSize>
    </getDevicesRequest>
```

Element: getDevicesResponse

Description

A **getDevicesResponse** message contains an element of getDevicesResponseType.

Derived By

Type getDevicesResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedGetDevicesDataType	0..1	See failedGetDevicesDataType.
responseData	getDevicesResponseDataType	0..1	See getDevicesResponseDataType.

Referenced By

Name	Type
getDevicesQuery	Method

XML Example

The following XML fragments illustrate **getDevicesResponse** messages:

Sample Successful Response Data:

```
<getDevicesResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <device>
      <deviceIdentifier>
        <deviceType>CLIENT</deviceType>

        <deviceId>client1</deviceId>
      </deviceIdentifier>
      <hostTypeName>
        <name>client</name>
      </hostTypeName>
      <deviceStatus>ACTIVE</deviceStatus>
      <channelPartners>
        <channelPartner>
          <tierName>bo.constants.partnertiernames.endcustomer</tierName>
          <accountUnit>

            <primaryKeys>
```

XML Example


```
                <name>s1</name>
              </primaryKeys>
            </accountUnit>
            <contact/>
            <currentOwner>false</currentOwner>
          </channelPartner>
        </channelPartners>
        <soldTo>
          <displayName>Account 1</displayName>

          <name>s1</name>
        </soldTo>
        <preBuiltProduct>
          <name>builtIn</name>
          <version>1.0</version>
        </preBuiltProduct>
        <hasPrebuiltLicense>true</hasPrebuiltLicense>
        <prebuiltLicense>xxxx</prebuiltLicense>
        <hasAddonLicense>true</hasAddonLicense>
        <addonLicense>xxxx</addonLicense>
        <publisherIdName>
          <name>id1</name>
        </publisherIdName>
        <addonLineItemData>

          <activationId>e1_addOn1</activationId>
          <enabledCount>1</enabledCount>
          <consumedCount>1</consumedCount>
          <licenseState>LICENSE_GENERATED</licenseState>
          <entitledProducts>
            <entitledProduct>
              <product>

                <primaryKeys>
                  <name>addOn1</name>
                  <version>1.0</version>
                </primaryKeys>
              </product>
              <quantity>1</quantity>
            </entitledProduct>
          </entitledProducts>
        </addonLineItemData>
        <customAttributes>
          <attribute>
            <attributeName>LATITUDE</attributeName>
            <stringValue>38</stringValue>
          </attribute>
        </customAttributes>
      </device>
    </responseData>
  </getDevicesResponse>
```


Sample Failed Response Data:

If no devices match:


```
<getDevicesResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</getDevicesResponse>
```

Element: incrementAddonLineItemsResponse

Description

A **incrementAddonLineItemsRequest** message contains an element of linkAddonLineItemsRequestType. It increments an existing count.

***NOTE**: While it is possible to activate an expired entitlement line item with an activation ID using the SOAP API, there is no purpose for doing so. Activating expired line items is not allowed when using the FlexNet Operations Producer Portal.*

Derived By

Type linkAddonLineItemsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	linkAddonLineItemDataType	1..*	See linkAddonLineItemDataType.

Referenced By

Name	Type
incrementAddonLineItems	Method

XML Example

The following XML fragment illustrates an **incrementAddonLineItemsRequest** message:

```
<incrementAddonLineItemsRequest>
  <requestList>
    <deviceIdentifier>
      <deviceType>CLIENT</deviceType>
      <deviceId>6565</deviceId>
      <deviceIdType>STRING</deviceIdType>
      <publisherName>demo</publisherName>
    </deviceIdentifier>
    <lineItem>
      <lineItemIdentifier>
        <activationId>Online_Reg_ACT58_A</activationId>
        <count>10</count>
      </lineItemIdentifier>
    </lineItem>
  </oprequestList>
</incrementAddonLineItemsRequest>
```

Element: incrementAddonLineItemsResponse

Description

A **incrementAddonLineItemsResponse** message contains an element of linkAddonLineItemsResponseType.

Derived By

Type linkAddonLineItemsResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	linkFailAddonDataListType	0..1	See linkFailAddonDataListType.
responseData	successAddonDataListType	0..1	See successAddonDataListType.

Referenced By

Name	Type
incrementAddonLineItems	Method

XML Example

The following XML fragment illustrates an **incrementAddonLineItemsResponse** message:

```
<incrementAddonLineItemsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <deviceIdentifier>
      <deviceType>CLIENT</deviceType>
      <deviceId>6565</deviceId>
      <deviceIdType>STRING</deviceIdType>
      <publisherName>demo</publisherName>
    </deviceIdentifier>
  </responseData>
</incrementAddonLineItemsResponse>
```

Element: linkAddonLineItemsRequest

Description

A **linkAddonLineItemsRequest** message contains an element of linkAddonLineItemsRequestType.

***NOTE**: While it is possible to activate an expired entitlement line item with an activation ID using the SOAP API, there is no purpose for doing so. Activating expired line items is not allowed when using the FlexNet Operations Producer Portal.*

Derived By

Type linkAddonLineItemsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	linkAddonLineItemDataType	1..*	See linkAddonLineItemDataType.

Referenced By

Name	Type
linkAddonLineItems	Method

XML Example

The following XML fragment illustrates a **linkAddonLineItemsRequest** message:

```
<linkAddonLineItemsRequest>
   <!--1 or more repetitions:-->
   <requestList>
      <deviceIdentifier>
         <deviceType>?</deviceType>
         <!--Optional:-->
         <uniqueId>?</uniqueId>
         <!--Optional:-->
         <deviceId>?</deviceId>
         <!--Optional:-->
         <serverIds>
            <!--1 or more repetitions:-->
            <serverId>?</serverId>
         </serverIds>
         <!-Optional:-->
         <deviceIdType>?</deviceIdType>
         <!-Mandatory if you have more than one publisher or else optional: -->
         <!-type: string-->
         <publisherName>?</publisherName>
      </deviceIdentifier>
      <!--1 or more repetitions:-->
      <lineItem>
         <lineItemIdentifier>
            <!--Optional:-->
            <activationId>?</activationId>
```

XML Example

```
            <!--Optional:-->
            <count>?</count>
          </lineItemIdentifier>
        </lineItem>
      </requestList>
 </linkAddonLineItemsRequest>
```

NOTE: If you have more than one publisher in your FlexNet Operations environment, you must pass the publisherName tag. When there is more than one publisher, if the publisherName tag is not passed, FlexNet Operations will not know which publisher this request is being made for.

Element: linkAddonLineItemsResponse

Description

A **linkAddonLineItemsResponse** message contains an element of linkAddonLineItemsResponseType.

Derived By

Type linkAddonLineItemsResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	linkFailAddonDataListType	0..1	See linkFailAddonDataListType.
responseData	successAddonDataListType	0..1	See successAddonDataListType.

Referenced By

Name	Type
linkAddonLineItems	Method

XML Example

The following XML fragments illustrate **linkAddonLineItemsResponse** messages:

Sample Successful Response Data:

```
<linkAddonLineItemsResponse>
    <statusInfo>
      <status>SUCCESS</status>
    </statusInfo>
    <responseData>
      <deviceIdentifier>
        <deviceType>CLIENT</deviceType>

        <deviceId>555555</deviceId>
      </deviceIdentifier>
    </responseData>
</linkAddonLineItemsResponse>
```

Sample Failed Response Data:

```
<linkAddonLineItemsResponse>
    <statusInfo>
      <status>FAILURE</status>
    </statusInfo>
    <failedData>
      <failAddon>
```

XML Example


```
            <deviceIdentifier>
              <deviceType>CLIENT</deviceType>
              <deviceId>555555</deviceId>
            </deviceIdentifier>
            <lineItem>
              <lineItemIdentifier>
                <activationId>se-admin-1</activationId>
                <count>4</count>
              </lineItemIdentifier>
            </lineItem>
            <reason>20030:Add-on has mismatched sold-to.</reason>
          </failAddon>
        </failedData>
    </linkAddonLineItemsResponse>
```

Element: moveDeviceRequest

Description

A **moveDeviceRequest** message contains an element of moveDeviceRequestType.

Derived By

Type moveDeviceRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sourceDevices	moveDeviceList	1..1	Devices to move. See moveDeviceList.
soldToUniqueId	string	0..1	Unique database identifier of the account to which the device currently belongs. Specify either **soldToUniqueId** or **soldToName**, not both.
soldToName	string	0..1	The name of the account to which the device currently belongs. Specify either **soldToUniqueId** or **soldToName**, not both.
poolEntitlements	boolean	0..1	True, if existing, matching line items at the target account are to be pooled. False, to always create new line items at the target account. **Note:** This parameter not supported as of 2016 R1.

Referenced By

Name	Type
moveDevice	Method

XML Example

The following XML fragment illustrates a **moveDeviceRequest** message:

```
<moveDeviceRequest>
  <sourceDevices>
    <deviceIdentifier>
      <deviceType>CLIENT</deviceType>
      <deviceId>client3</deviceId>
    </deviceIdentifier>
  </sourceDevices>
  <soldToName>s4</soldToName>
  <poolEntitlements>false</poolEntitlements>
</moveDeviceRequest>
```

Element: moveDeviceResponse

Description

A **moveDeviceResponse** message contains an element of moveDeviceResponseType.

Derived By

Type moveDeviceResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedMoveDeviceListDataType	0..1	See failedMoveDeviceListDataType.

Referenced By

Name	Type
moveDevice	Method

XML Example

The following XML fragments illustrate **moveDeviceResponse** messages:

Sample Successful Response Data:

```
<moveDeviceResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</moveDeviceResponse>
```

Sample Failed Response Data:

```
<moveDeviceResponse>
  <statusInfo>
    <status>FAILURE</status>
  </statusInfo>
  <failedData>
    <failedDevice>
      <deviceIdentifier>
        <deviceType>CLIENT</deviceType>
        <deviceId>client5</deviceId>
      </deviceIdentifier>
      <reason>20022:Device Identifier is invalid.</reason>
    </failedDevice>
  </failedData>
</moveDeviceResponse>
```

Element: obsoleteHostRequest

Description

An **obsoleteHostRequest** message contains an element of obsoleteHostRequestListType.

Derived By

Type obsoleteHostRequestListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
host	obsoleteHostType	1..*	See obsoleteHostType.

Referenced By

Name	Type
obsoleteHost	Method

XML Example

The following XML fragment illustrates an **obsoleteHostRequest** message:

```
<obsoleteHostRequest>
  <host>
    <hostIdentifier>
      <deviceType>CLIENT</deviceType>
      <deviceId>r_dev</deviceId>
      <deviceIdType>STRING</deviceIdType>
      <publisherName>fnedemo</publisherName>
    </hostIdentifier>
  </host>
</obsoleteHostRequest>
```

Element: obsoleteHostResponse

Description

An **obsoleteHostResponse** message contains an element of obsoleteHostResponseType.

Derived By

Type obsoleteHostResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedObsoleteHostListDataType	0..1	See failedObsoleteHostListDataType.

Referenced By

Name	Type
obsoleteHost	Method

XML Example

The following XML fragment illustrates an **obsoleteHostResponse** message:

```
<obsoleteHostResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</obsoleteHostResponse>
```

Element: returnHostRequest

Description

A **returnHostRequest** message contains an element of returnHostRequestListType.

Derived By

Type returnHostRequestListType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
returnHosts	returnHostType	1..*	See returnHostType.

Referenced By

Name	Type
returnHost	Method

XML Example

The following XML fragment illustrates a **returnHostRequest** message:

```
<returnHostRequest>
  <returnHosts>
    <hostIdentifier>
      <deviceType>CLIENT</deviceType>
      <deviceId>r_dev1</deviceId>
      <deviceIdType>STRING</deviceIdType>
      <publisherName>fnedemo</publisherName>
    </hostIdentifier>
  </returnHosts>
</returnHostRequest>
```

Element: returnHostResponse

Description

A **returnHostResponse** message contains an element of returnHostResponseType.

Derived By

Type returnHostResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedReturnHostListDataType	0..1	See failedReturnHostListDataType.

Referenced By

Name	Type
returnHost	Method

XML Example

The following XML fragment illustrates a **returnHostResponse** message:

```
<returnHostResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</returnHostResponse>
```

Element: searchDevicesRequest

Derived By

Type searchDevicesRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	searchDevicesParametersType	0..1	See searchDevicesParametersType.
responseConfig	searchDeviceResponseConfigType	0..1	See searchDeviceResponseConfigType.
sortBys	deviceSortBys	0..1	See deviceSortBys.
pageNumber	integer	0..1	Page number.
batchSize	integer	0..1	Batch size.

Referenced By

Name	Type
searchDevices	Method

Element: searchDevicesResponse

Derived By

Type searchDevicesResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failed	failedSearchDevicesData	0..1	See failedSearchDevicesData.
devices	searchDevicesResponseData	0..1	See searchDevicesResponseData.

Referenced By

Name	Type
searchDevices	Method

Element: updateDeviceRequest

Description

An **updateDevRequest** message contains an element of updateDevRequestType.

Derived By

Type updateDevRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	updateDevDataType	1..*	See updateDevDataType.

Referenced By

Name	Type
updateDevice	Method

XML Example

The following XML fragment illustrates an **updateDevRequest** message:

```
<updateDevRequest>
   <!--1 or more repetitions:-->
   <device>
      <deviceIdentifier>
         <deviceType>?</deviceType>
         <!--Optional:-->
         <uniqueId>?</uniqueId>
         <!--Optional:-->
         <deviceId>?</deviceId>
         <!--Optional:-->
         <serverIds>
            <!--1 or more repetitions:-->
            <serverId>?</serverId>
         </serverIds>
         <deviceIdType>STRING</deviceIdType>
      </deviceIdentifier>
      <!--Optional:-->
      <deviceId>?</deviceId>
      <!--Optional:-->
      <serverIds>
         <!--1 or more repetitions:-->
         <serverId>?</serverId>
      </serverIds>
      <!--Optional:-->
      <hostTypeName>
         <name>?</name>
      </hostTypeName>
      <!--Optional:-->
      <publisherIdName>
         <name>?</name>
```

XML Example

```
        </publisherIdName>
        <!--Optional:-->
        <description>?</description>
        <!--Optional:-->
        <updateChannelPartners>
          <!--Optional:-->
          <channelPartners>
            <!--Zero or more repetitions:-->
            <channelPartner>
              <tierName>?</tierName>
              <accountUnit>
                <!--Optional:-->
                <uniqueId>?</uniqueId>
                <!--Optional:-->
                <primaryKeys>
                  <name>?</name>
                </primaryKeys>
              </accountUnit>
              <!--Optional:-->
              <contact>
                <!--Optional:-->
                <uniqueId>?</uniqueId>
                <!--Optional:-->
                <userName>?</userName>
                <!--Optional:-->
                <primaryKeys>
                  <firstName>?</firstName>
                  <lastName>?</lastName>
                  <emailAddress>?</emailAddress>
                  <!--Optional:-->
                  <phoneNumber>?</phoneNumber>
                </primaryKeys>
              </contact>
            </channelPartner>
          </channelPartners>
          <opType>?</opType>
        </updateChannelPartners>
        <!--Optional-->
        <alias>?</alias>
      </device>
    </updateDevRequest>
```

Element: updateDeviceResponse

Description

An **updateDevResponse** message contains an element of updateDevResponseType.

Derived By

Type updateDevResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	failedUpdateDevDataListType	0..1	See failedUpdateDevDataListType.
responseData	updatedDeviceDataListType	0..1	See updatedDeviceDataListType.

Referenced By

Name	Type
updateDevice	Method

XML Example

The following XML fragments illustrate **updateDevResponse** messages:

Sample Successful Response Data:

```
<updateDevResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <deviceIdentifier>
      <deviceType>CLIENT</deviceType>
      <deviceId>555555</deviceId>
    </deviceIdentifier>
  </responseData>
</updateDevResponse>
```

Sample Failed Response Data:

```
<updateDevResponse>
  <statusInfo>
    <status>FAILURE</status>
  </statusInfo>
  <failedData>
    <failedDevice>
      <device>
```

XML Example


```
            <deviceIdentifier>
              <deviceType>CLIENT</deviceType>
              <deviceId>545454</deviceId>
              <deviceIdType>STRING</deviceIdType>
            </deviceIdentifier>
            <deviceId>555555</deviceId>
            <hostTypeName>
              <name>gizmo-2</name>
            </hostTypeName>
            <publisherIdName>
              <name>demo-trl-medium</name>
            </publisherIdName>
            <description>updated desc</description>
            <updateChannelPartners>
              <channelPartners>
                <channelPartner>
                  <tierName>bo.constants.partnertiernames.endcustomer</tierName>
                  <accountUnit>
                    <primaryKeys>
                      <name>WILY</name>
                    </primaryKeys>
                  </accountUnit>
                  <contact>
                    <primaryKeys>
                      <firstName>WILY</firstName>
                      <lastName>Admin</lastName>
                      <emailAddress>admin@wilycoyote.co</emailAddress>
                    </primaryKeys>
                  </contact>
                </channelPartner>
              </channelPartners>
              <opType>REPLACE</opType>
            </updateChannelPartners>
          </device>
          <reason>Device Identifier is invalid.</reason>
        </failedDevice>
      </failedData>
  </updateDevResponse>
```

Element: zeroCountAddonLineItemsRequest

Description

Defines the request payload to set Activation IDs with zero license allocation on a Cloud License Server (CLS), helping distinguish restricted entitlements.

Derived By

Type linkAddonLineItemsRequestType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	linkAddonLineItemDataType	1..*	See linkAddonLineItemDataType.

Referenced By

Name	Type
zeroCountAddonLineItems	Method

Element: zeroCountAddonLineItemsResponse

Description

Returns the result of setting zero allocation mappings on a Cloud License Server.

Derived By

Type linkAddonLineItemsResponseType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	OpsEmbeddedStatusInfoType	1..1	See OpsEmbeddedStatusInfoType.
failedData	linkFailAddonDataListType	0..1	See linkFailAddonDataListType.
responseData	successAddonDataListType	0..1	See successAddonDataListType.

Referenced By

Name	Type
zeroCountAddonLineItems	Method

DownloadPackagingService Web Service

Description

The Download Packaging Web Service is an add-on to the FlexNet Operations entitlement management system.

Methods: DownloadPackagingService

Methods

Name	Description
assignDownloadPackageToProduct	The **assignDownloadPackageToProduct** operation associates a Download Package to the Product.
assignFileToDownloadPackage	The **assignFileToDownloadPackage** operation associates a file to the Download Package.
createAgreement	The **createAgreement** operation creates the agreement with the provided Description and content.
createDownloadPackage	The **createDownloadPackage** operation creates the Download Package with the provide details.
createFile	The **createFile** operation creates the file with the provided file details.
createManufacturer	The **createManufacturer** operation creates the Manufacturer with the provided Manufacturer ID and Name.
createRestrict	Enables you to incorporate account and country restrictions or both into a download package.
deleteFile	The **deleteFile** operation deletes the file image associated with the file.
getAgreementCount	The **getAgreementCount** operation gets the agreement count with the provided search type.
getAgreementQuery	The **getAgreementQuery** operation gets the list of agreement descriptions with the provided search type.
getDownloadPackageCount	The **getDownloadPackageCount** operation gets the Download Package count with the provided search type.
getDownloadPackageInProductCount	The **getDownloadPackageInProductCount** operation gets the DownloadPackage In a Product count with the provided search type.
getDownloadPackageInProductQuery	The **getDownloadPackageInProductQuery** operation gets the list of DownloadPackage In a Product with the provided search type.
getDownloadPackageQuery	The **getDownloadPackageQuery** operation gets the list of DownloadPackageIDs with the provided search type. You can also use it to facilitate the retrieval of account and country restrictions for download packages. See the CreateRestrict method.
getFileCount	The **getFileCount** operation gets the file count with the provided search type.
getFileQuery	The **getFileQuery** operation gets the list of file IDs with the provided search type.
getManufacturerCount	The **getManufacturerCount** operation gets the Manufacturer count with the provided search type.
getManufacturerQuery	The **getManufacturerQuery** operation gets the list of manufacturer descriptions with the provided search type.
getMultipleDownloadPackagesCount	The **getMultipleDownloadPackagesCount** operation gets the count of the list of Dowload Package IDs that match the query.
getMultipleDownloadPackagesQuery	The **getMultipleDownloadPackagesQuery** operation gets the data for a list Download Package IDs with the provided search criteria.
removeDownloadPackageFromProduct	The **removeDownloadPackageFromProduct** operation disassociates a Download Package from the Product.

Methods

Name	Description
removeFileFromDownloadPackage	The **removeFileFromDownloadPackage** operation disassociates a File from the Download Package.
updateAgreement	The **updateAgreement** operation updates the existing agreement with new content.
updateDownloadPackage	The **updateDownloadPackage** operation updates the existing Download Package with new description.
updateDownloadPackageContainerCapability	
updateFile	The **updateFile** operation updates the existing File with new a description and content.
updateManufacturer	The **updateManufacturer** operation updates the existing manufacturer with new manufacturer name.
uploadFile	The **uploadFile** operation uploads the file image to the existing file ID.

Method: assignDownloadPackageToProduct

Description

The **assignDownloadPackageToProduct** operation associates a Download Package to the Product.

Parameters

Name	Type	Direction	Description
Product	ProductIDType	Input	
DownloadPackage	DownloadPackageIDType	Input	

Returns

A ProductAssociationResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
Product	ProductIDType	See ProductIDType.
DownloadPackage	DownloadPackageIDType	See DownloadPackageIDType.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: assignFileToDownloadPackage

Description

The **assignFileToDownloadPackage** operation associates a file to the Download Package.

Parameters

Name	Type	Direction	Description
DownloadPackage	DownloadPackageIDType	Input	
File	FileInDownloadPackageType	Input	

Returns

A DownloadPackageAssociationResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
DownloadPackage	DownloadPackageIDType	See DownloadPackageIDType.
File	FileInDownloadPackageType	See FileInDownloadPackageType.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: createAgreement

Description

The **createAgreement** operation creates the agreement with the provided Description and content.

Parameters

Name	Type	Direction	Description
Agreement	Agreement	Input	

Returns

A AgreementTransactionResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
Agreement	Agreement	See Agreement.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: createDownloadPackage

Description

The **createDownloadPackage** operation creates the Download Package with the provide details.

Parameters

Name	Type	Direction	Description
DownloadPackage	DownloadPackage	Input	
OpType	OpTypeType	Input	

Returns

A DownloadPackageTransactionResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
DownloadPackage	DownloadPackage	See DownloadPackage.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: createFile

Description

The **createFile** operation creates the file with the provided file details.

Parameters

Name	Type	Direction	Description
File	File	Input	
OpType	OpTypeType	Input	

Returns

A FileTransactionResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
File	File	See File.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: createManufacturer

Description

The **createManufacturer** operation creates the Manufacturer with the provided Manufacturer ID and Name.

Parameters

Name	Type	Direction	Description
Manufacturer	Manufacturer	Input	
OpType	OpTypeType	Input	

Returns

A ManufacturerTransactionResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
Manufacturer	Manufacturer	See Manufacturer.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: createRestrict

Description

Enables you to incorporate account and country restrictions or both into a download package.

Parameters

Name	Type	Direction	Description
RestrictCountryRef	RestrictCountryRef	Input	
DownloadPackageRestriction	DownloadPackageRestriction	Input	

Returns

A RestrictTransactionResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: deleteFile

Description

The **deleteFile** operation deletes the file image associated with the file.

Parameters

Name	Type	Direction	Description
File	FileIDType	Input	

Returns

A FileDeleteResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
File	FileIDType	See FileIDType.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: getAgreementCount

Description

The **getAgreementCount** operation gets the agreement count with the provided search type.

Parameters

Name	Type	Direction	Description
AgreementQueryParameters	AgreementQueryParameters	Input	

Returns

A AgreementCountResult element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	CountResponseDataType	See CountResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getAgreementQuery

Description

The **getAgreementQuery** operation gets the list of agreement descriptions with the provided search type.

Parameters

Name	Type	Direction	Description
AgreementQueryParameters	AgreementQueryParameters	Input	

Returns

A AgreementQueryResults element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	AgreementQueryResponseDataType	See AgreementQueryResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getDownloadPackageCount

Description

The **getDownloadPackageCount** operation gets the Download Package count with the provided search type.

Parameters

Name	Type	Direction	Description
DownloadPackageQueryParameters	DownloadPackageQueryParameters	Input	

Returns

A DownloadPackageCountResult element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	CountResponseDataType	See CountResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getDownloadPackageInProductCount

Description

The **getDownloadPackageInProductCount** operation gets the DownloadPackage In a Product count with the provided search type.

Parameters

Name	Type	Direction	Description
DownloadPackageInProductQueryParameters	DownloadPackageInProductQueryParameters	Input	

Returns

A DownloadPackageInProductCountResult element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	CountResponseDataType	See CountResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getDownloadPackageInProductQuery

Description

The **getDownloadPackageInProductQuery** operation gets the list of DownloadPackage In a Product with the provided search type.

Parameters

Name	Type	Direction	Description
DownloadPackageInProductQueryParameters	DownloadPackageInProductQueryParameters	Input	
PageNumber	integer	Input	
BatchSize	integer	Input	
ReturnContainedObjects	boolean	Input	

Returns

A DownloadPackageInProductQueryResults element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	DownloadPackageInProductQueryResponseDataType	See DownloadPackageInProductQueryResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getDownloadPackageQuery

Description

The **getDownloadPackageQuery** operation gets the list of DownloadPackageIDs with the provided search type. You can also use it to facilitate the retrieval of account and country restrictions for download packages. See the CreateRestrict method.

Parameters

Name	Type	Direction	Description
DownloadPackageQueryParameters	DownloadPackageQueryParameters	Input	
PageNumber	integer	Input	
BatchSize	integer	Input	
ReturnContainedObjects	boolean	Input	

Returns

A DownloadPackageQueryResults element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	DownloadPackageQueryResponseDataType	See DownloadPackageQueryResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getFileCount

Description

The **getFileCount** operation gets the file count with the provided search type.

Parameters

Name	Type	Direction	Description
FileQueryParameters	FileQueryParameters	Input	

Returns

A FileCountResult element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	CountResponseDataType	See CountResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getFileQuery

Description

The **getFileQuery** operation gets the list of file IDs with the provided search type.

Parameters

Name	Type	Direction	Description
FileQueryParameters	FileQueryParameters	Input	
PageNumber	integer	Input	
BatchSize	integer	Input	
ReturnContainedObjects	boolean	Input	

Returns

A FileQueryResults element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	FileQueryResponseDataType	See FileQueryResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getManufacturerCount

Description

The **getManufacturerCount** operation gets the Manufacturer count with the provided search type.

Parameters

Name	Type	Direction	Description
ManufacturerQueryParameters	ManufacturerQueryParameters	Input	

Returns

A ManufacturerCountResult element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	CountResponseDataType	See CountResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getManufacturerQuery

Description

The **getManufacturerQuery** operation gets the list of manufacturer descriptions with the provided search type.

Parameters

Name	Type	Direction	Description
ManufacturerQueryParameters	ManufacturerQueryParameters	Input	

Returns

A ManufacturerQueryResults element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	ManufacturerQueryResponseDataType	See ManufacturerQueryResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getMultipleDownloadPackagesCount

Description

The **getMultipleDownloadPackagesCount** operation gets the count of the list of Dowload Package IDs that match the query.

Parameters

Name	Type	Direction	Description
MultipleDownloadPackagesQuery Parameters	MultipleDownloadPackagesQuery Parameters	Input	

Returns

A DownloadPackageCountResult element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	CountResponseDataType	See CountResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: getMultipleDownloadPackagesQuery

Description

The **getMultipleDownloadPackagesQuery** operation gets the data for a list Download Package IDs with the provided search criteria.

Parameters

Name	Type	Direction	Description
MultipleDownloadPackagesQuery Parameters	MultipleDownloadPackagesQuery Parameters	Input	
SortBys	DownloadPackageSortBys	Input	
PageNumber	integer	Input	
BatchSize	integer	Input	
ReturnContainedObjects	boolean	Input	

Returns

A MultipleDownloadPackagesQueryResults element having the structure defined by the following table.

Name	Type	Description
QueryResult	QueryResult	See QueryResult.
ResponseData	MultipleDownloadPackages QueryResponseDataType	See MultipleDownloadPackagesQueryResponseDataType.

Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

Method: removeDownloadPackageFromProduct

Description

The **removeDownloadPackageFromProduct** operation disassociates a Download Package from the Product.

Parameters

Name	Type	Direction	Description
Product	ProductIDType	Input	
DownloadPackage	DownloadPackageIDType	Input	

Returns

A ProductDisassociationResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
Product	ProductIDType	See ProductIDType.
DownloadPackage	DownloadPackageIDType	See DownloadPackageIDType.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: removeFileFromDownloadPackage

Description

The **removeFileFromDownloadPackage** operation disassociates a File from the Download Package.

Parameters

Name	Type	Direction	Description
DownloadPackage	DownloadPackageIDType	Input	
File	FileIDType	Input	

Returns

A DownloadPackageDisassociationResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
DownloadPackage	DownloadPackageIDType	See DownloadPackageIDType.
File	FileIDType	See FileIDType.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: updateAgreement

Description

The **updateAgreement** operation updates the existing agreement with new content.

Parameters

Name	Type	Direction	Description
Agreement	Agreement	Input	
OriginalDescription	string	Input	

Returns

A AgreementTransactionResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
Agreement	Agreement	See Agreement.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: updateDownloadPackage

Description

The **updateDownloadPackage** operation updates the existing Download Package with new description.

Parameters

Name	Type	Direction	Description
DownloadPackage	DownloadPackage	Input	

Returns

A DownloadPackageTransactionResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
DownloadPackage	DownloadPackage	See DownloadPackage.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: updateDownloadPackageContainerCapability

Parameters

Name	Type	Direction	Description
DownloadPackageContainerCapabilityRequest	DownloadPackageContainerCapabilityRequest	Input	

Returns

A DownloadPackageContainerCapabilityTransactionResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	
DownloadPackageContainerCapabilityResponse	DownloadPackageContainerCapabilityResponse	

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: updateFile

Description

The **updateFile** operation updates the existing File with new a description and content.

Parameters

Name	Type	Direction	Description
File	File	Input	

Returns

A FileTransactionResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
File	File	See File.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: updateManufacturer

Description

The **updateManufacturer** operation updates the existing manufacturer with new manufacturer name.

Parameters

Name	Type	Direction	Description
Manufacturer	Manufacturer	Input	

Returns

A ManufacturerTransactionResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
Manufacturer	Manufacturer	See Manufacturer.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Method: uploadFile

Description

The **uploadFile** operation uploads the file image to the existing file ID.

Parameters

Name	Type	Direction	Description
File	FileIDType	Input	
RetrieveFromLocation	LocationType	Input	
ExpectedCheckSum	CheckSum	Input	
EmailAddresses	string	Input	

Returns

A FileUploadResult element having the structure defined by the following table.

Name	Type	Description
TransactionResult	TransactionResult	See TransactionResult.
File	FileIDType	See FileIDType.

Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

Complex Types: DownloadPackagingService

Complex Types

Name
AccountIDType
Agreement
AgreementCountResult
AgreementQueryParameters
AgreementQueryResponseDataType
AgreementQueryResults
AgreementTransactionResult
AttributeDescriptor
CountResponseDataType
CountryIDType
DateTimeQueryType
DownloadPackage
DownloadPackageAlternateLanguage
DownloadPackageAssociationResult
DownloadPackageContainerCapabilityRequest
DownloadPackageContainerCapabilityResponse
DownloadPackageContainerCapabilityTransactionResult
DownloadPackageCountResult
DownloadPackageDisassociationResult
DownloadPackageIDType
DownloadPackageInProductCountResult
DownloadPackageInProductQueryParameters
DownloadPackageInProductQueryResponseDataType
DownloadPackageInProductQueryResults
DownloadPackageQueryParameters
DownloadPackageQueryResponseDataType
DownloadPackageQueryResults
DownloadPackageRestriction
DownloadPackageResult
DownloadPackageSortBy
DownloadPackageSortBys
DownloadPackageSortOrderType
DownloadPackageTransactionResult
ExportComplianceClassification

Complex Types

Name
File
FileAlternateLanguage
FileCountResult
FileDeleteResult
FileIDType
FileInDownloadPackageType
FileQueryParameters
FileQueryResponseDataType
FileQueryResults
FileResult
FileTransactionResult
FileUploadResult
Manufacturer
ManufacturerCountResult
ManufacturerQueryParameters
ManufacturerQueryResponseDataType
ManufacturerQueryResults
ManufacturerTransactionResult
MultipleDownloadPackagesQueryParameters
MultipleDownloadPackagesQueryResponseDataType
MultipleDownloadPackagesQueryResults
ProductAssociationResult
ProductDisassociationResult
ProductIDType
ProductLine
ProductLineAlternateLanguage
QueryError
QueryResult
RestrictAccountRef
RestrictCountryRef
RestrictDownloadPackageRef
RestrictTransactionResult
TransactionError
TransactionResult
UnexpectedError

Complex Type: AccountIDType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
AccountName	string	1..1	
SystemAccountID	string	0..1	
AccountID	string	0..1	
AccountStatus	string	0..1	

Complex Type: Agreement

Description

End User License Agreements can be assigned to Download Packages. If set, users must agree to the terms in this document before being allowed to download the Files contained in the Download Package.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Description	string	1..1	Required. The name of the End User License Agreement for internal reference. Maximum of 100 characters.
Content	string	0..1	Required for create. Field for text or HTML content of the End User License Agreement, as you intend to display to the end user on the download site. Supports an unlimited number of characters.

Referenced By

Name	Type
EndUserLicenseAgreement [type DownloadPackageContainerCapabilityResponse]	Element
EvaluationEndUserLicenseAgreement [type DownloadPackageContainerCapabilityResponse]	Element

Complex Type: AgreementCountResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	CountResponseDataType	0..1	See CountResponseDataType.

Complex Type: AgreementQueryParameters

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

Description	SimpleQueryType	0..1	A description element contains:
			• **value**—string to match all or part of the description.
			• **searchType**—one of the following search values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Status	StatusType	0..1	Returns one of the following: • ACTIVE • INACTIVE

Complex Type: AgreementQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Agreement	Agreement	0..*	See Agreement.

Complex Type: AgreementQueryResults

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	AgreementQueryResponseDataType	0..1	See AgreementQueryResponseDataType.

Complex Type: AgreementTransactionResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	See TransactionResult.
Agreement	Agreement	1..1	See Agreement.

Complex Type: AttributeDescriptor

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
AttributeName	string	1..1	Custom attribute name.
StringValue	string	0..1	Custom attribute value.

Referenced By

Name	Type
AttributeDescriptor [type DownloadPackageContainerCapabilityResponse]	Element

Complex Type: CountResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Count	integer	1..1	The number of results.

Complex Type: CountryIDType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
CountryName	string	1..1	
Region	string	0..1	

Complex Type: DateTimeQueryType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
value	dateTime	1..1	
searchType	datedSearchType	1..1	

Complex Type: DownloadPackage

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageID	string	1..1	Required. Your company's unique identifier for this Product. We recommend that you use this field to facilitate product management between versions, bug fixes, or patches. Maximum of 100 characters.
Description	string	1..1	Required. The full name relating to the Product ID. The description may include manufacturer name, version, operating system, encryption level, or language. Maximum of 255 characters.
Version	string	0..1	This is the version of the Download Package or software release. Maximum of 20 characters.
EffectiveDate	date	0..1	Required for create. The date the Download Package is available for download. Accounts have access to the Download Package if the Product's Effective Date occurs within an Entitlement's Effective and Expiration dates on the Line Item for that Download Package.
ExpirationDate	date	0..1	Required for create. If the Expiration Date is in the future the Download Package appears on the versions section. If the Expiration Date is in the past, the Download Package are archived. Accounts have access to the Download Package from the archives section even if the Download Package is expired, provided there is an overlap between the Download Package's Effective and Expiration dates and the Entitlement's Effective and Expiration dates.
ArchiveDate	date	0..1	Once this date has passed the Download Package are archived. Users will still be able to download it if they have access through an overlap with their entitlement dates.

Content Model

Component	Type	Occurs	Description
SortGroup	string	0..1	The Sort Group of the Download Package controls the sorting of Product in FlexNet Operations. The value of this field should include padding to force the desired sorting. If your product follows a release number schema of x.y.z, the release group should be of the form xxx.yyy.zzz. For example version 9.1 would map to a Sort Group of 009.001.000. Version 10.2.3 would map to 010.002.003. The Sort Group could also just apply to the top level release number if desired. Version 10.1.2 could have a sort group of 010 as would version 10 SP2. The second level sort of the product list is the effective date of the product. Maximum of 20 characters.
ExtendedDescription	string	0..1	The Extended Description. Maximum of 1000 characters.
ExportComplianceClassification	ExportComplianceClassification	0..1	Required for create. See ExportComplianceClassification.
Manufacturer	Manufacturer	0..1	Required for create. See Manufacturer.
ProductLine	ProductLine	0..1	Required for create. See ProductLine.
EndUserLicenseAgreement	Agreement	0..1	See Agreement.
EvaluationEndUserLicenseAgreement	Agreement	0..1	See Agreement.
DownloadPackageNote	string	0..1	Instructions to End User for this package.
PhysicalDistributionAvailable	boolean	0..1	Indicates whether or not physical media may be order for this Download Package.
AttributeDescriptor	AttributeDescriptor	0..*	See AttributeDescriptor.
AlternateLanguage	DownloadPackageAlternateLanguage	0..*	See DownloadPackageAlternateLanguage.

Content Model

Component	Type	Occurs	Description

LastModifiedDateTime	dateTime	0..1	Enables producers to import data about periodic updates into their back office system and make this data available to their end customers.
			In a request, the parameter has the following structure:
			`<LastModifiedDateTime>`
			`<value>2022-09-13T15:00:34+02:00</value>`
			`<searchType>AFTER</searchType>`
			`</LastModifiedDateTime>`
			The **LastModifiedDateType** includes a **value** and **searchType**:
			• **value**—The date and time value is used to select items based on when they were last modified. If no time zone is provided in the request, the search is carried out in the time zone of the FlexNet Operations database (Pacific Standard Time (PST) or Pacific Daylight Time (PDT)). This can be overridden by specifying a time zone in the request. When including a time zone in the request, the time zone should be specified as offset from GMT (for example, 2022-09-13T15:00:34+02:00).
			• **searchType**—One of the following values: ON, AFTER, BEFORE.
			The date and time in the response are provided in Greenwich Mean Time (GMT).
			EXAMPLE
			When a download package is created at 2022-08-11T07:10:39 - PST, it can be searched in following ways:
			Central European Time (CET)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T16:10:39+02:00</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Greenwich Mean Time (GMT)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T14:10:39.000Z</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Pacific Standard Time (PST)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T07:10:39</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Also, the following parameter should be set to true:

Content Model

Component	Type	Occurs	Description
			<ReturnContainedObjects>true</ReturnContainedObjects>
RestrictCode	string	0..1	Restrict Download Package functionality. Values are A=Allow, D=Deny, N=empty string (not currently restricted).

Complex Type: DownloadPackageAlternateLanguage

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Language	string	0..1	Language used by partner.
Description	string	0..1	This is the full name relating to the Product ID. The description may include manufacturer name, version, operating system, encryption level, or language. This description appears on the " Product Information" page from the download site in locale.
ExtendedDescription	string	0..1	This is the Extended Description. Maximum of 1000 characters.
DownloadPackageNote	string	0..1	Instructions to End User on the download page for this package.

Referenced By

Name	Type
AlternateLanguage [type DownloadPackageContainerCapabilityResponse]	Element

Complex Type: DownloadPackageAssociationResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	See TransactionResult.
DownloadPackage	DownloadPackageIDType	1..1	See DownloadPackageIDType.
File	FileInDownloadPackageType	1..1	See FileInDownloadPackageType.

Complex Type: DownloadPackageContainerCapabilityRequest

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageID	string	1..1	This is your company's unique identifier for this Download Package. It is recommended that you use this field to facilitate Download Package management between versions, bug fixes, or patches. Maximum of 100 characters.
ContainerDelivery	boolean	1..1	This option indicates that the Download Package can be used to deliver container artifacts. Set this option to "Yes" to include images and charts and "No" to deliver files only.

Referenced By

Name	Type
DownloadPackageContainerCapabilityRequest [element updateDownloadPackageContainerCapability]	Element

Complex Type: DownloadPackageContainerCapabilityResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageID	string	1..1	This is your company's unique identifier for this Download Package. We recommend that you use this field to facilitate Download Package management between versions, bug fixes, or patches. Maximum of 100 characters.
Description	string	1..1	This is the full name relating to the Product ID. The description may include manufacturer name, version, operating system, encryption level, or language.
ContainerDelivery	boolean	1..1	This option indicates that the Download Package can be used to deliver container artifacts. Set this option to "Yes" to include images and charts and "No" to deliver files only.
Version	string	0..1	This is the version of the Download Package. Maximum of 64 characters.
EffectiveDate	date	0..1	The date the Download Package is available for download. Accounts have access to the Download Package if the Download Package's Effective Date occurs within an Entitlement's Effective and Expiration dates on the Line Item for that Download Package.
ExpirationDate	date	0..1	If the Expiration Date is in the future the Download Package appears on the versions section. If the Expiration Date is in the past, the Download Package moves to the archives section. Accounts have access to the Download Package from the archives section even if the Download Package is expired, provided there is an overlap between the Download Package's Effective and Expiration dates and the Entitlement's Effective and Expiration dates.
ArchiveDate	date	0..1	Archive date for the Download Package. Once this date has passed the Download Package /version will be archivedl. Users will still be able to download it if they have access through an overlap with their entitlement dates.

Content Model

Component	Type	Occurs	Description
SortGroup	string	0..1	The Sort Group of the Download Package controls the sorting of Product in FlexNet Operations. The value of this field should include padding to force the desired sorting. If your product follows a release number schema of x.y.z, the release roup should be of the form xxx.yyy.zzz. For example, version 9.1 would map to a SortGroup of 009.001.000. Version 10.2.3 would map to 010.002.003. The Sort Group could also just apply to the top level release number if desired. Version 10.1.2 could have a sort group of 010 as would version 10 SP2. The second level sort of the product list is the effective date of the product. Maximum of 20 characters.
ExtendedDescription	string	0..1	This is the Extended Description. Maximum of 1000 characters.
ExportComplianceClassification	ExportComplianceClassification	0..1	See, ExportComplianceClassification.
Manufacturer	Manufacturer	0..1	See Manufacturer.
ProductLine	ProductLine	0..1	This is the Product Line attribute for the Download Package. This is typically the same Product Line attribute set on the Product this Download Package is associated to. If the Product Lines are different among Download Packages associated to a Product, the user ar allowed to select from list of Product Lines. This is useful if you deliver different Download Packages for a Product to comprise a bundle or suite offering. Contact your Client Relations Manager for more information if you are interested in changing your Download Package hierarchy.
EndUserLicenseAgreement	Agreement	0..1	The End User License Agreement associated with this Download Package. The End User must read through and click an acceptance button before proceeding to the download.
EvaluationEndUserLicenseAgreement	Agreement	0..1	See Agreement.
DownloadPackageNote	string	0..1	Additional note/information for the Download Package.
PhysicalDistributionAvailable	boolean	0..1	With this option set to 'yes', the End User will have the option to request a physical copy of the Download Package. When the End User requests physical delivery, an email is sent to the email address configured in FlexNet Operations.
RestrictCode	string	0..1	Restrict Download Package functionality. Values are A=Allow, D=Deny, N=empty string (not currently restricted).
AttributeDescriptor	AttributeDescriptor	0..*	See AttributeDescriptor.
AlternateLanguage	DownloadPackageAlternateLanguage	0..*	See DownloadPackageAlternateLanguage.

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse [type DownloadPackageContainerCapabilityTransactionResult]	Element

Complex Type: DownloadPackageContainerCapabilityTransactionResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	
DownloadPackageContainerCapabilityResponse	DownloadPackageContainerCapabilityResponse	1..1	

Referenced By

Name	Type
DownloadPackageContainerCapabilityTransactionResult [element updateDownloadPackageContainerCapabilityResponse]	Element

Complex Type: DownloadPackageCountResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	CountResponseDataType	0..1	See CountResponseDataType.

Complex Type: DownloadPackageDisassociationResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	See TransactionResult.
DownloadPackage	DownloadPackageIDType	1..1	See DownloadPackageIDType.
File	FileIDType	1..1	See FileIDType.

Complex Type: DownloadPackageIDType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageID	string	1..1	Required. Your company's unique identifier for this Product. We recommend that you use this field to facilitate product management between versions, bug fixes, or patches. Maximum of 100 characters.

Complex Type: DownloadPackageInProductCountResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	CountResponseDataType	0..1	See CountResponseDataType.

Complex Type: DownloadPackageInProductQueryParameters

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductName	string	1..1	Product name.
ProductVersion	string	1..1	Product version.

Complex Type: DownloadPackageInProductQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageResult	DownloadPackageResult	0..*	See DownloadPackageResult.

Complex Type: DownloadPackageInProductQueryResults

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	DownloadPackageInProductQueryResponseDataType	0..1	See DownloadPackageInProductQueryResponseDataType.

Complex Type: DownloadPackageQueryParameters

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

DownloadPackageID	SimpleQueryType	0..1	A **DownloadPackageID** element contains:
			• **value**—a string to match part or all of the Download Package ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

DownloadPackageDescription	SimpleQueryType	0..1	A **Description** element contains:
			• **value**—a string to match part or all of the description.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

DownloadPackageVersion	string	0..1	Version of the Download Package.
CreationDateStart	date	0..1	The start date of the Download Package creation.
CreationDateEnd	date	0..1	The end date of the Download Package creation.

Content Model

Component	Type	Occurs	Description
Availability	AvailabilityType	0..1	One of the following: • ARCHIVE • CURRENT • FUTURE

Content Model

Component	Type	Occurs	Description

LastModifiedDateTime	DateTimeQueryType	0..1	Enables producers to import data about periodic updates into their back office system and make this data available to their end customers.
			In a request, the parameter has the following structure:
			`<LastModifiedDateTime>`
			`<value>2022-09-13T15:00:34+02:00</value>`
			`<searchType>AFTER</searchType>`
			`</LastModifiedDateTime>`
			The **LastModifiedDateType** includes a **value** and **searchType**:
			• **value**—The date and time value is used to select items based on when they were last modified. If no time zone is provided in the request, the search is carried out in the time zone of the FlexNet Operations database (Pacific Standard Time (PST) or Pacific Daylight Time (PDT)). This can be overridden by specifying a time zone in the request. When including a time zone in the request, the time zone should be specified as offset from GMT (for example, 2022-09-13T15:00:34+02:00).
			• **searchType**—One of the following values: ON, AFTER, BEFORE.
			The date and time in the response are provided in Greenwich Mean Time (GMT).
			EXAMPLE
			When a download package is created at 2022-08-11T07:10:39 - PST, it can be searched in following ways:
			Central European Time (CET)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T16:10:39+02:00</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Greenwich Mean Time (GMT)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T14:10:39.000Z</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Pacific Standard Time (PST)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T07:10:39</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Also, the following parameter should be set to true:

Content Model

Component	Type	Occurs	Description
			<ReturnContainedObjects>true</ReturnContainedObjects>
AttributeDescriptor	AttributeDescriptor	0..*	Optional attribute to query download packages based on custom attribute values. For example: <AttributeDescriptor> <AttributeName>4422_longtext</AttributeName> <StringValue>longtextvalue</StringValue> </AttributeDescriptor>

Complex Type: DownloadPackageQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageResult	DownloadPackageResult	0..*	See DownloadPackageResult

Complex Type: DownloadPackageQueryResults

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	DownloadPackageQueryResponseDataType	0..1	See DownloadPackageQueryResponseDataType.

Complex Type: DownloadPackageRestriction

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
RestrictAccountRef	RestrictAccountRef	1..1	
RestrictDownloadPackageRef	RestrictDownloadPackageRef	1..1	

Complex Type: DownloadPackageResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageSystemID	string	0..1	System ID of the Download Package.
DownloadPackage	DownloadPackage	0..1	See DownloadPackage.
Product	ProductIDType	0..*	See ProductIDType.
Account	AccountIDType	0..*	
Country	CountryIDType	0..*	

Complex Type: DownloadPackageSortBy

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SortKey	DownloadPackageSortKey	1..1	See DownloadPackageSortKey.
Ascending	boolean	1..1	Indicatres if the sort orer should be ascending. TRUE or FALSE.

Complex Type: DownloadPackageSortBys

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SortBy	DownloadPackageSortBy	1..1	See DownloadPackageSortBy.

Complex Type: DownloadPackageSortOrderType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageID	string	1..1	Download package ID.
SortOrder	string	0..1	Download package file sort order.

Complex Type: DownloadPackageTransactionResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	See TransactionResult.
DownloadPackage	DownloadPackage	1..1	See DownloadPackage.

Complex Type: ExportComplianceClassification

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
NLR	string	0..1	NLR is the designator of a transaction that stands for the "No License Required" authorization. NLR may be used for either EAR99 items, or items on the CCL that do not require a license for the destination in question, provided no General Prohibitions apply.
ECCNCode	string	0..1	The Export Control Classification Number, or ECCN, is the U.S. term for an export classification code. An ECCN identifies the relevant category and paragraph of a classification, as they are maintained under the EAR's Commerce Control List.
ENCCode	string	0..1	Encryption Licensing Arrangement: Refers to a specific type of export license that allows the export or re-export of specified encryption hardware or software to specified destinations in unlimited quantities.
CCATSCode	string	0..*	Refers to the Commodity Classification Automated Tracking System, or CCATS, number that the BIS assigns to a commodity classification request.

Referenced By

Name	Type
ExportComplianceClassification [type DownloadPackageContainerCapabilityResponse]	Element

Complex Type: File

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileID	string	1..1	Required. Your company's unique identifier for this File. We recommend you use this field to facilitate file management between versions, bug fixes, or patches. Maximum of 100 characters.
Description	string	1..1	Required. The full name of the File. The description may include manufacturer name, version, operating system, encryption level, or language. This description appears on the download site. Maximum of 500 characters.
ExtendedDescription	string	0..1	The Extended Description. Maximum of 1000 characters.
FileName	string	0..1	The name of the File binary (for example: filename.zip). This field is overwritten with the name of the File when using the File Upload function. Alternately, this field may be edited to enter different content to present to the end user. File name is a mandatory field when a file is in LOADED state. Non-ascii characters are not allowed in the file name. Maximum of 255 characters
Status	string	0..1	Not directly settable. One of the following: • LOADED - The file has been loaded into the ESD system. • NOT_LOADED - The file is not yet loaded into the ESD system. • DELETED - The file that was previously load is now deleted.
AkamaiSyncIndicator	boolean	0..1	Not directly settable. Indicates whether or not file has been propogated to the Akamai network. This only applies customers who have purchased the Akamai option.
RestrictedIndicator	boolean	0..1	Not directly settable. Indiates whether or not File has granted or revoked access to specific accounts.

Content Model

Component	Type	Occurs	Description
RetrieveFromLocation	string	0..1	Used for retrieving file staged to Revenera upload server from server remote from Revenera. If using the Revenera FTP server, this is the relative path to the file on the FTP server. It should not begin with a forward slash (/) and is a Unix or URL style path (/ separates the directories). If using an external FTP server, enter a value in this format: ftp://user:password@host:port/path
FileSize	integer	0..1	Not directly settable.
ExpectedCheckSum	CheckSum	0..1	MD5 check sum.
ActualSHA256	string	0..1	SHA2 check sum.
ContentDetail	string	0..1	If the File is a zip or a jar file, the zipinfo will be set in this field during the File Upload process. Alternately, this field may be edited to enter different product content.
AttributeDescriptor	AttributeDescriptor	0..*	See AttributeDescriptor.
AlternateLanguage	FileAlternateLanguage	0..*	See FileAlternateLanguage.

Content Model

Component	Type	Occurs	Description

LastModifiedDateTime	dateTime	0..1	Enables producers to import data about periodic updates into their back office system and make this data available to their end customers.
			In a request, the parameter has the following structure:
			`<LastModifiedDateTime>`
			`<value>2022-09-13T15:00:34+02:00</value>`
			`<searchType>AFTER</searchType>`
			`</LastModifiedDateTime>`
			The **LastModifiedDateType** includes a **value** and **searchType**:
			• **value**—The date and time value is used to select items based on when they were last modified. If no time zone is provided in the request, the search is carried out in the time zone of the FlexNet Operations database (Pacific Standard Time (PST) or Pacific Daylight Time (PDT)). This can be overridden by specifying a time zone in the request. When including a time zone in the request, the time zone should be specified as offset from GMT (for example, 2022-09-13T15:00:34+02:00).
			• **searchType**—One of the following values: ON, AFTER, BEFORE.
			The date and time in the response are provided in Greenwich Mean Time (GMT).
			EXAMPLE
			When a download package is created at 2022-08-11T07:10:39 - PST, it can be searched in following ways:
			Central European Time (CET)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T16:10:39+02:00</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Greenwich Mean Time (GMT)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T14:10:39.000Z</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Pacific Standard Time (PST)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T07:10:39</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Also, the following parameter should be set to true:

Content Model

Component	Type	Occurs	Description
			<ReturnContainedObjects>true</ReturnContainedObjects>

Complex Type: FileAlternateLanguage

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Language	string	0..1	Language used by partner.
Description	string	0..1	The full name of the File. The description may include manufacturer name, version, operating system, encryption level, or language. This description appears on the download site in locale.
ExtendedDescription	string	0..1	The Extended Description in locale. Maximum of 1000 characters.
ContentDetail	string	0..1	This content appears in the pop up windows for "Estimated Times and Details" located on the file download page from the download site. If the File is a zip or a jar file, the zipinfo will be set in this field during the File Upload process. Alternately, this field may be edited to enter different Product content to present to the end user.

Complex Type: FileCountResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	CountResponseDataType	0..1	See CountResponseDataType.

Complex Type: FileDeleteResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	See TransactionResult.
File	FileIDType	1..1	See FileIDType.

Complex Type: FileIDType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileID	string	1..1	Reference to existing File.

Complex Type: FileInDownloadPackageType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileID	string	1..1	Rquired. Reference to existing File.
SortOrder	string	0..1	Used to control sorting of files within the Download Package.

Complex Type: FileQueryParameters

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

FileID	SimpleQueryType	0..1	A **FileID** element contains:
			• **value**—a string to match part or all of the file ID.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Description	SimpleQueryType	0..1	A **Description** element contains:
			• **value**—a string to match part or all of the description.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Content Model

Component	Type	Occurs	Description

FileName	SimpleQueryType	0..1	A **FileName** element contains:
			• **value**—a string to match part or all of the file name.
			• **searchType**—one of the following simpleSearchType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

FileStatus	FileStatusType	0..1	See FileStatusType.
CreationDateStart	date	0..1	Date the file creation started.
CreationDateEnd	date	0..1	Date the file creation ended.
LastUploadedDateStart	date	0..1	Date the last upload started.
LastUploadedDateEnd	date	0..1	Date the last upload ended.

Content Model

Component	Type	Occurs	Description

LastModifiedDateTime	DateTimeQueryType	0..1	Enables producers to import data about periodic updates into their back office system and make this data available to their end customers.
			In a request, the parameter has the following structure:
			`<LastModifiedDateTime>`
			`<value>2022-09-13T15:00:34+02:00</value>`
			`<searchType>AFTER</searchType>`
			`</LastModifiedDateTime>`
			The **LastModifiedDateType** includes a **value** and **searchType**:
			• **value**—The date and time value is used to select items based on when they were last modified. If no time zone is provided in the request, the search is carried out in the time zone of the FlexNet Operations database (Pacific Standard Time (PST) or Pacific Daylight Time (PDT)). This can be overridden by specifying a time zone in the request. When including a time zone in the request, the time zone should be specified as offset from GMT (for example, 2022-09-13T15:00:34+02:00).
			• **searchType**—One of the following values: ON, AFTER, BEFORE.
			The date and time in the response are provided in Greenwich Mean Time (GMT).
			EXAMPLE
			When a download package is created at 2022-08-11T07:10:39 - PST, it can be searched in following ways:
			Central European Time (CET)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T16:10:39+02:00</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Greenwich Mean Time (GMT)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T14:10:39.000Z</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Pacific Standard Time (PST)
			`<LastModifiedDateTime>`
			`<value>2022-08-11T07:10:39</value>`
			`<searchType>ON</searchType>`
			`</LastModifiedDateTime>`
			Also, the following parameter should be set to true:

Content Model

Component	Type	Occurs	Description
			<ReturnContainedObjects>true</ReturnContainedObjects>

Complex Type: FileQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileResult	FileResult	0..*	See FileResult

Complex Type: FileQueryResults

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	FileQueryResponseDataType	0..1	See FileQueryResponseDataType.

Complex Type: FileResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
File	File	0..1	See File.
DownloadPackageSortOrder	DownloadPackageSortOrderType	0..*	See DownloadPackageSortOrderType.

Complex Type: FileTransactionResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	See TransactionResult.
File	File	1..1	See File.

Complex Type: FileUploadResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	See TransactionResult.
File	FileIDType	1..1	See FileIDType.

Complex Type: Manufacturer

Description

Note: *in the Producer Portal, this entity is referred to as "Producer".*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ManufacturerID	string	1..1	Required. This is your company's unique identifier for the Manufacturer. Alphanumeric format and must match the regular expression [A-Za-z0-9]. For example, "BS92" is acceptable, but BS_92 is not. Maximum of 100 characters.
Name	string	1..1	Required. The display name of the Manufacturer. This name is displayed when the end user navigates to his downloadable files. For example, in the sequence of Revenera, FlexNet Publisher, FlexNet Publisher 2015, "Revenera" is the Manufacturer. Maximum of 100 characters.
Status	string	0..1	One of the following: • ACTIVE (default) • INACTIVE Inactive Manufacturers will not be displayed in the dropdowns when editing DownloadPackages.

Referenced By

Name	Type
Manufacturer [type DownloadPackageContainerCapabilityResponse]	Element

Complex Type: ManufacturerCountResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	CountResponseDataType	0..1	See CountResponseDataType.

Complex Type: ManufacturerQueryParameters

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	

ManufacturerID	SimpleQueryType	0..1	A **ManufacturerID** element contains:
			• **value**—a string to match part or all of the manufacturer ID.
			• **searchType**—one of the following SimpleQueryType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Name	SimpleQueryType	0..1	A **name** element contains:
			• **value**—a string to match part or all of the manufacturer name.
			• **searchType**—one of the following SimpleQueryType values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

Status	StatusType	0..1	Returns one of the following: • ACTIVE • INACTIVE

Complex Type: ManufacturerQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Manufacturer	Manufacturer	0..*	See Manufacturer.

Complex Type: ManufacturerQueryResults

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	ManufacturerQueryResponseDataType	0..1	See ManufacturerQueryResponseDataType.

Complex Type: ManufacturerTransactionResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	See TransactionResult.
Manufacturer	Manufacturer	1..1	See Manufacturer.

Complex Type: MultipleDownloadPackagesQueryParameters

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageID	string	0..*	Required. Your company's unique identifier for this Product. We recommend that you use this field to facilitate product management between versions, bug fixes, or patches. Maximum of 100 characters.

DownloadPackageDescription	SimpleQueryType	0..1	A description element contains:
			• **value**—string to match all or part of the Download Package description.
			• **searchType**—one of the following search values:
			  • STARTS_WITH
			  • CONTAINS
			  • ENDS_WITH
			  • EQUALS

DownloadPackageVersion	string	0..1	The version of the Download Packages.
CreationDateStart	date	0..1	The start date for the creation of the Download Packages.
CreationDateEnd	date	0..1	The end date for the creation of the Download Packages.
Availability	AvailabilityType	0..1	The availablility of the Download Packages. Valid values: • ARCHIVE • CURRENT • FUTURE

Complex Type: MultipleDownloadPackagesQueryResponseDataType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageResult	DownloadPackageResult	0..*	See DownloadPackageResult.

Complex Type: MultipleDownloadPackagesQueryResults

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
QueryResult	QueryResult	1..1	See QueryResult.
ResponseData	MultipleDownloadPackagesQueryResponseDataType	0..1	See MultipleDownloadPackagesQueryResponseDataType.

Complex Type: ProductAssociationResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	See TransactionResult.
Product	ProductIDType	1..1	See ProductIDType.
DownloadPackage	DownloadPackageIDType	1..1	See DownloadPackageIDType.

Complex Type: ProductDisassociationResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	See TransactionResult.
Product	ProductIDType	1..1	See ProductIDType.
DownloadPackage	DownloadPackageIDType	1..1	See DownloadPackageIDType.

Complex Type: ProductIDType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductName	string	1..1	Name of the product.
ProductVersion	string	1..1	Version of the product.

Complex Type: ProductLine

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductLineID	string	0..1	Your company's unique identifier for this Product Line. The Product Line is an attribute of both Catalog Items and Products.
Name	string	0..1	Required for create. The full name of the Product Line. This name appears as a navigational hyperlink option on the download site.
Description	string	0..1	Optional field for text or HTML content where you may include information about this Product Line. This content is typically only for internal reference and will not be displayed on the FlexNet Operations site.
Features	string	0..1	Optional field for text or HTML content where you may include marketing features of this Product Line. This content appears towards the top of the Product List page from the download site. Supports an unlimited number of characters.
SortOrder	string	0..1	The sort order of the product line. The sort order will determine the order in which the product line is displayed.
LicenseInformation	string	0..1	Optional field for text or HTML content where you may include information about licensing for all Products belonging to this Product Line. This content displays on the License Keys section.
AttributeDescriptor	AttributeDescriptor	0..*	See AttributeDescriptor.
AlternateLanguage	ProductLineAlternateLanguage	0..*	See ProductLineAlternateLanguage.
Status	string	0..1	The status of the product line. Active Products are in use on the download site.

Referenced By

Name	Type
ProductLine [type DownloadPackageContainerCapabilityResponse]	Element

Complex Type: ProductLineAlternateLanguage

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Language	string	0..1	Language used by partner.
Name	string	0..1	The full name of the Product Line. This name appears as a navigational hyperlink option on the download site in a particular locale.
Description	string	0..1	Optional field for text or HTML content where you may include information about this Product Line. This content is typically only for internal reference and will not be displayed on the FlexNet Operations site in locale.
Features	string	0..1	Optional field for text or HTML content where you may include marketing features of this Product Line. This content appears towards the top of the Product List page from the download site. Supports an unlimited number of characters in locale.
LicenseInformation	string	0..1	Optional field for text or HTML content where you may include information about licensing for all Products belonging to this Product Line. This content displays on the License Keys section in locale.
Status	string	0..1	Status.

Complex Type: QueryError

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
errorCode	string	1..1	Query Code returned after executes a query.
errorMessage	string	1..1	Error message returned after executes a query.
errorDetails	string	1..1	Details of the error.

Complex Type: QueryResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Successful	boolean	1..1	TRUE or FALSE
ProcessedTime	dateTime	1..1	Date and time query processed.
QueryError	QueryError	0..*	See QueryError.

Complex Type: RestrictAccountRef

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ID	string	0..1	ID and System AccountID are optional. Customer can use either one parameter to apply the restrictions for the download package.
SystemAccountID	string	0..1	ID and System AccountID are optional. Customer can use either one parameter to apply the restrictions for the download package.

Complex Type: RestrictCountryRef

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ID	string	0..1	
SystemDownloadPackageID	string	1..1	
RestrictCountry	string	1..1	
RestrictRegion	string	0..*	**NOTE**: If you do not want to pass any value to the **RestrictRegion** parameter, provide an empty <RestrictRegion/> tag.
OperationType	string	0..1	The value for OperationType should be ADD. If it is not set to ADD, existing restrictions will be removed.

Referenced By

Name	Type
RestrictCountryRef [element createRestrict]	Element

Complex Type: ws:RestrictProductRef

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ID	string	0..1	
SystemDownloadPackageID	string	0..1	
RestrictCode	string	0..1	The default value is "Allow".

Referenced By

Name	Type
RestrictDownloadPackageRef [type DownloadPackageRestriction]	Element

Complex Type: RestrictTransactionResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	

Referenced By

Name	Type
RestrictTransactionResult [element createRestrictResponse]	Element

Complex Type: TransactionError

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
errorCode	string	1..1	Transaction Code returned after executes a transaction.
errorMessage	string	1..1	Error message returned after executes a transaction.
errorDetails	string	1..1	Details of the error.

Complex Type: TransactionResult

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionID	string	0..1	System generated ID returned as a reference for this submisson.
TransactionStatus	TransactionStatusType	1..1	SUCCESS or FAILURE
ProcessedTime	dateTime	1..1	Timestamp of the transaction.
TransactionError	TransactionError	0..*	See TransactionError.

Referenced By

Name	Type
TransactionResult [type DownloadPackageContainerCapabilityTransactionResult]	Element

Complex Type: UnexpectedError

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Code	string	1..1	Other errors not included in ESD error list.
IncidentID	string	0..1	Error code.

Simple Types: DownloadPackagingService

Simple Types

Name
DownloadPackageSortKey
FileStatusType
OpTypeType

Simple Type: DownloadPackageSortKey

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
DOWNLOADPACKAGE_ID	
DESCRIPTION	

Simple Type: FileStatusType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
LOADED	
NOT_LOADED	
DELETED	

Simple Type: OpTypeType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CREATE_OR_UPDATE	
CREATE_OR_IGNORE	

Elements: DownloadPackagingService

Elements

Name	Description
AlternateLanguage [type DownloadPackageContainerCapabilityResponse]	See DownloadPackageAlternateLanguage.
ArchiveDate [type DownloadPackageContainerCapabilityResponse]	Archive date for the Download Package. Once this date has passed the Download Package /version will be archivedl. Users will still be able to download it if they have access through an overlap with their entitlement dates.
assignDownloadPackageToProduct	
assignDownloadPackageToProductResponse	
AttributeDescriptor [type DownloadPackageContainerCapabilityResponse]	See AttributeDescriptor.
ContainerDelivery [type DownloadPackageContainerCapabilityRequest]	This option indicates that the Download Package can be used to deliver container artifacts. Set this option to "Yes" to include images and charts and "No" to deliver files only.
ContainerDelivery [type DownloadPackageContainerCapabilityResponse]	This option indicates that the Download Package can be used to deliver container artifacts. Set this option to "Yes" to include images and charts and "No" to deliver files only.
createAgreement	
createAgreementResponse	
createDownloadPackage	
createDownloadPackageResponse	
createManufacturer	
createManufacturerResponse	
Description [type DownloadPackageContainerCapabilityResponse]	This is the full name relating to the Product ID. The description may include manufacturer name, version, operating system, encryption level, or language.
DownloadPackageContainerCapabilityRequest [element updateDownloadPackageContainerCapability]	See, DownloadPackageContainerCapabilityRequest.
DownloadPackageContainerCapabilityResponse [type DownloadPackageContainerCapabilityTransactionResult]	
DownloadPackageContainerCapabilityTransactionResult [element updateDownloadPackageContainerCapabilityResponse]	See, DownloadPackageContainerCapabilityTransactionResult.
DownloadPackageID [type DownloadPackageContainerCapabilityRequest]	This is your company's unique identifier for this Download Package. It is recommended that you use this field to facilitate Download Package management between versions, bug fixes, or patches. Maximum of 100 characters.

Elements

Name	Description
DownloadPackageID [type DownloadPackageContainerCapabilityResponse]	This is your company's unique identifier for this Download Package. We recommend that you use this field to facilitate Download Package management between versions, bug fixes, or patches. Maximum of 100 characters.
DownloadPackageNote [type DownloadPackageContainerCapabilityResponse]	Additional note/information for the Download Package.
EffectiveDate [type DownloadPackageContainerCapabilityResponse]	The date the Download Package is available for download. Accounts have access to the Download Package if the Download Package's Effective Date occurs within an Entitlement's Effective and Expiration dates on the Line Item for that Download Package.
EndUserLicenseAgreement [type DownloadPackageContainerCapabilityResponse]	The End User License Agreement associated with this Download Package. The End User must read through and click an acceptance button before proceeding to the download.
EvaluationEndUserLicenseAgreement [type DownloadPackageContainerCapabilityResponse]	See Agreement.
ExpirationDate [type DownloadPackageContainerCapabilityResponse]	If the Expiration Date is in the future the Download Package appears on the versions section. If the Expiration Date is in the past, the Download Package moves to the archives section. Accounts have access to the Download Package from the archives section even if the Download Package is expired, provided there is an overlap between the Download Package's Effective and Expiration dates and the Entitlement's Effective and Expiration dates.
ExportComplianceClassification [type DownloadPackageContainerCapabilityResponse]	See, ExportComplianceClassification.
ExtendedDescription [type DownloadPackageContainerCapabilityResponse]	This is the Extended Description. Maximum of 1000 characters.
getAgreementCount	
getAgreementCountResponse	
getAgreementQuery	
getAgreementQueryResponse	
getDownloadPackageCount	
getDownloadPackageCountResponse	
getDownloadPackageInProductCount	
getDownloadPackageInProductCountResponse	
getDownloadPackageInProductQuery	
getDownloadPackageInProductQueryResponse	
getDownloadPackageQuery	
getDownloadPackageQueryResponse	

Elements

Name	Description
getManufacturerCount	
getManufacturerCountResponse	
getManufacturerQuery	
getManufacturerQueryResponse	
getMultipleDownloadPackagesCount	
getMultipleDownloadPackagesCountResponse	
getMultipleDownloadPackagesQuery	
getMultipleDownloadPackagesQueryResponse	
Manufacturer [type DownloadPackageContainerCapabilityResponse]	See Manufacturer.
PhysicalDistributionAvailable [type DownloadPackageContainerCapabilityResponse]	With this option set to 'yes', the End User will have the option to request a physical copy of the Download Package. When the End User requests physical delivery, an email is sent to the email address configured in FlexNet Operations.
ProductLine [type DownloadPackageContainerCapabilityResponse]	This is the Product Line attribute for the Download Package. This is typically the same Product Line attribute set on the Product this Download Package is associated to. If the Product Lines are different among Download Packages associated to a Product, the user ar allowed to select from list of Product Lines. This is useful if you deliver different Download Packages for a Product to comprise a bundle or suite offering. Contact your Client Relations Manager for more information if you are interested in changing your Download Package hierarchy.
removeDownloadPackageFromProduct	
removeDownloadPackageFromProductResponse	
RestrictCode [type DownloadPackageContainerCapabilityResponse]	Restrict Download Package functionality. Values are A=Allow, D=Deny, N=empty string (not currently restricted).
RestrictCode [type RestrictDownloadPackageRef]	The default value is "Allow".
RestrictCountry [type RestrictCountryRef]	
RestrictCountryRef [element createRestrict]	
RestrictDownloadPackageRef [type DownloadPackageRestriction]	
RestrictRegion [type RestrictCountryRef]	**NOTE**: If you do not want to pass any value to the **RestrictRegion** parameter, provide an empty <RestrictRegion/> tag.
RestrictTransactionResult [element createRestrictResponse]	

Elements

Name	Description
SortGroup [type DownloadPackageContainerCapabilityResponse]	The Sort Group of the Download Package controls the sorting of Product in FlexNet Operations. The value of this field should include padding to force the desired sorting. If your product follows a release number schema of x.y.z, the release roup should be of the form xxx.yyy.zzz. For example, version 9.1 would map to a SortGroup of 009.001.000. Version 10.2.3 would map to 010.002.003. The Sort Group could also just apply to the top level release number if desired. Version 10.1.2 could have a sort group of 010 as would version 10 SP2. The second level sort of the product list is the effective date of the product. Maximum of 20 characters.
TransactionResult [type DownloadPackageContainerCapabilityTransactionResult]	
updateAgreement	
updateAgreementResponse	
updateDownloadPackage	
updateDownloadPackageContainerCapability	
updateDownloadPackageContainerCapabilityResponse	
updateDownloadPackageResponse	
updateManufacturer	
updateManufacturerResponse	
Version [type DownloadPackageContainerCapabilityResponse]	This is the version of the Download Package. Maximum of 64 characters.

Element: AlternateLanguage [type DownloadPackageContainerCapabilityResponse]

Description

See DownloadPackageAlternateLanguage.

Derived By

Type DownloadPackageAlternateLanguage

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Language	string	0..1	Language used by partner.
Description	string	0..1	This is the full name relating to the Product ID. The description may include manufacturer name, version, operating system, encryption level, or language. This description appears on the " Product Information" page from the download site in locale.
ExtendedDescription	string	0..1	This is the Extended Description. Maximum of 1000 characters.
DownloadPackageNote	string	0..1	Instructions to End User on the download page for this package.

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: ArchiveDate [type DownloadPackageContainerCapabilityResponse]

Description

Archive date for the Download Package. Once this date has passed the Download Package /version will be archivedl. Users will still be able to download it if they have access through an overlap with their entitlement dates.

Derived By

Type date

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: assignDownloadPackageToProduct

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Product	ProductIDType	1..1	See ProductIDType.
DownloadPackage	DownloadPackageIDType	1..1	See DownloadPackageIDType.

XML Example

The following XML fragment illustrates an **assignDownloadPackageToProduct** message:

```
<assignDownloadPackageToProduct>
    <Product>
        <ProductName>AS-ESDProduct-011401</ProductName>
        <ProductVersion>1.0</ProductVersion>
    </Product>
    <DownloadPackage>
        <DownloadPackageID>AS-DP1</DownloadPackageID>
    </DownloadPackage>
</assignDownloadPackageToProduct>
```

Element: assignDownloadPackageToProductResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductAssociationResult	ProductAssociationResult	1..1	See ProductAssociationResult.

XML Example

The following XML fragment illustrates a successful **assignDownloadPackageToProductResponse** message:

```
<assignDownloadPackageToProductResponse>
    <ProductAssociationResult>
        <TransactionResult>
            <TransactionID>2171679973</TransactionID>
            <TransactionStatus>SUCCESS</TransactionStatus>
            <ProcessedTime>2016-04-15T16:45:11.350Z</ProcessedTime>
        </TransactionResult>
        <Product>
            <ProductName>AS-ESDProduct-011401</ProductName>
            <ProductVersion>1.0</ProductVersion>
        </Product>
        <DownloadPackage>
            <DownloadPackageID>AS-DP1</DownloadPackageID>
        </DownloadPackage>
    </ProductAssociationResult>
</assignDownloadPackageToProductResponse>
```

Element: AttributeDescriptor [type DownloadPackageContainerCapabilityResponse]

Description

See AttributeDescriptor.

Derived By

Type AttributeDescriptor

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
AttributeName	string	1..1	Custom attribute name.
StringValue	string	0..1	Custom attribute value.

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: ContainerDelivery [type DownloadPackageContainerCapabilityRequest]

Description

This option indicates that the Download Package can be used to deliver container artifacts. Set this option to "Yes" to include images and charts and "No" to deliver files only.

Derived By

Type boolean

Referenced By

Name	Type
DownloadPackageContainerCapabilityRequest	Complex Type

Definition

See DownloadPackageContainerCapabilityRequest

Element: ContainerDelivery [type DownloadPackageContainerCapabilityResponse]

Description

This option indicates that the Download Package can be used to deliver container artifacts. Set this option to "Yes" to include images and charts and "No" to deliver files only.

Derived By

Type boolean

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: createAgreement

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Agreement	Agreement	1..1	See Agreement.

XML Example

The following XML fragment illustrates a **createAgreement** message:

```
<createAgreement>
    <Agreement>
        <Description>AS-TESTAGREEMENT-01</Description>
        <!--Optional:-->
        <Content>TEST CONTENT</Content>
    </Agreement>
</createAgreement>
```

Element: createAgreementResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
AgreementTransaction Result	AgreementTransactionResult	1..1	See AgreementTransactionResult.

XML Example

The following XML fragment illustrates a successful **createAgreementResponse** message:

```
<createAgreementResponse>
    <AgreementTransactionResult>
        <TransactionResult>
            <TransactionID>2291380167</TransactionID>
            <TransactionStatus>SUCCESS</TransactionStatus>
            <ProcessedTime>2016-02-22T16:40:35.643Z</ProcessedTime>
        </TransactionResult>
        <Agreement>
            <Description>AS-TESTAGREEMENT-01</Description>
            <Content>TEST CONTENT</Content>
        </Agreement>
    </AgreementTransactionResult>
</createAgreementResponse>
```

Element: createDownloadPackage

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackage	DownloadPackage	1..1	See DownloadPackage.
OpType	OpTypeType	0..1	See OpTypeType.

XML Example

The following XML fragment illustrates a **createDownloadPackage** message:

```
<createDownloadPackage>
    <DownloadPackage>
        <DownloadPackageID>AS-DOWNLOADPACKAGE-02</DownloadPackageID>
        <Description>AS DOWNLOAD PACKAGE 02</Description>
        !--Optional:-->
        <Version>2016R1</Version>
        !--Optional:-->
        <EffectiveDate>2016-02-01</EffectiveDate>
        !--Optional:-->
        <ExpirationDate>2016-07-31</ExpirationDate>
        !--Optional:-->
        <ArchiveDate>2016-08-01</ArchiveDate>
        <!--Optional:-->
        <SortGroup>2016</SortGroup>
        <!--Optional:-->
        <ExtendedDescription>DOWNLOAD PACKAGE VERSION 2016R1</ExtendedDescription>
        <!--Optional:-->
        <ExportComplianceClassification>
            <!--Optional:-->
            <NLR>F</NLR>
            <!--Optional:-->
            <ECCNCode>5D002</ECCNCode>
            <!--Optional:-->
            <ENCCode>NON_RETAIL</ENCCode>
            <!--Zero or more repetitions:-->
            <CCATSCode>Z123456</CCATSCode>
        </ExportComplianceClassification>
        <!--Optional:-->
        <Manufacturer>
            <ManufacturerID>AS-FLEXERAQA</ManufacturerID>
            <Name>AS-FLEXERAQA</Name>
            <!--Optional:-->
            <Status>ACTIVE</Status>
        </Manufacturer>
        <!--Optional:-->
        <ProductLine>
            <!--Optional:-->
            <ProductLineID>ESD</ProductLineID>
            <!--Optional:-->
            <Name>ESD</Name>
            <!--Optional:-->
            <Description>CREATED VIA WEB SERVICES</Description>
```

XML Example


```
            <!--Optional:-->
            <Features>THIS PRODUCTLINE IS USED FOR ESD</Features>
            <!--Optional:-->
            <SortOrder>1</SortOrder>
            <!--Optional:-->
            <LicenseInformation>ESD LICENSE. CANNOT BE DISTRIBUTED.</LicenseInformation>
            <!--Zero or more repetitions:-->
            <AttributeDescriptor>
                <AttributeName>PRODUCTLINE-ATTR1</AttributeName>
                <!--Optional:-->
                <StringValue>ESD</StringValue>
            </AttributeDescriptor>
            <!--Zero or more repetitions:-->
            <AlternateLanguage>
                <!--Optional:-->
                <Language>zh</Language>
                <!--Optional:-->
                <Name>PRODUCT LINE IN MANDARIN</Name>
                <!--Optional:-->
                <Description>DESCRIPTION IN MANDARIN</Description>
                <!--Optional:-->
                <Features>THIS PRODUCT LINE IS USED FOR ESD (IN MANDARIN)</Features>
                <!--Optional:-->
                <LicenseInformation>CANNOT REUSE, REDISTRIBUTE (IN MANDARIN)</LicenseInformation>
                <!--Optional:-->
                <Status>ACTIVE</Status>
            </AlternateLanguage>
            <!--Optional:-->
            <Status>ACTIVE</Status>
        </ProductLine>
        <!--Optional:-->
        <EndUserLicenseAgreement>
            <Description>FLEXERAQAAgreement</Description>
            <!--Optional:-->
            <Content>Created during September Prod release</Content>
        </EndUserLicenseAgreement>
        <!--Optional:-->
        <EvaluationEndUserLicenseAgreement>
            <Description>AS-TESTAGREEMENT-02</Description>
            <!--Optional:-->
            <Content>IS THIS VALID?</Content>
        </EvaluationEndUserLicenseAgreement>
        <!--Optional:-->
        <DownloadPackageNote>IN ORDER TO DOWNLOAD FILES FROM THE DOWNLOAD PACKAGE,
         CLICK THE DOWNLOAD PACKAGE NAME</DownloadPackageNote>
        <!--Optional:-->
        <PhysicalDistributionAvailable>0</PhysicalDistributionAvailable>
        <!--Zero or more repetitions:-->
        <AttributeDescriptor>
            <AttributeName>PACKAGE_TYPE</AttributeName>
            <!--Optional:-->
            <StringValue>INSTALLATION</StringValue>
        </AttributeDescriptor>
        <!--Zero or more repetitions:-->
        <AlternateLanguage>
            <!--Optional:-->
            <Language>zh</Language>
            <!--Optional:-->
            <Description>DESCRIPTION IN MANDARIN</Description>
            <!--Optional:-->
            <ExtendedDescription>EXTENDED DESCRIPTION IN MANDARIN</ExtendedDescription>
            <!--Optional:-->
            <DownloadPackageNote>NOTES IN MANDARIN</DownloadPackageNote>
        </AlternateLanguage>
    </DownloadPackage>
</createDownloadPackage>
```

XML Example

Element: createDownloadPackageResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageTransactionResult	DownloadPackageTransactionResult	1..1	See DownloadPackageTransactionResult.

XML Example

The following XML fragment illustrates a successful **createDownloadPackageResponse** message:

```
<createDownloadPackageResponse>
    <DownloadPackageTransactionResult>
        <TransactionResult>
            <TransactionID>2291779157</TransactionID>
            <TransactionStatus>SUCCESS</TransactionStatus>
            <ProcessedTime>2016-02-22T21:55:22.528Z</ProcessedTime>
        </TransactionResult>
        <DownloadPackage>
            <DownloadPackageID>AS-DOWNLOADPACKAGE-02</DownloadPackageID>
            <Description>AS DOWNLOAD PACKAGE 02</Description>
            <Version>2016R1</Version>
            <EffectiveDate>2016-02-01</EffectiveDate>
            <ExpirationDate>2016-07-31</ExpirationDate>
            <ArchiveDate>2016-08-01</ArchiveDate>
            <SortGroup>2016</SortGroup>
            <ExtendedDescription>DOWNLOAD PACKAGE VERSION 2016R1</ExtendedDescription>
            <ExportComplianceClassification>
                <NLR>No</NLR>
                <ECCNCode>5D002</ECCNCode>
                <ENCCode>NON_RETAIL</ENCCode>
                <CCATSCode>Z123456</CCATSCode>
            </ExportComplianceClassification>
            <ProductLine/>
            <EndUserLicenseAgreement>
                <Description xsi:nil="true"/>
            </EndUserLicenseAgreement>
            <EvaluationEndUserLicenseAgreement>
                <Description xsi:nil="true"/>
            </EvaluationEndUserLicenseAgreement>
            <DownloadPackageNote>IN ORDER TO DOWNLOAD FILES FROM THE DOWNLOAD PACKAGE,
             CLICK THE DOWNLOAD PACKAGE NAME</DownloadPackageNote>
            <PhysicalDistributionAvailable>0</PhysicalDistributionAvailable>
            <AttributeDescriptor>
                <AttributeName>PACKAGE_TYPE</AttributeName>
                <StringValue>INSTALLATION</StringValue>
            </AttributeDescriptor>
            <AlternateLanguage>
                <Language>zh</Language>
                <Description>DESCRIPTION IN MANDARIN</Description>
                <ExtendedDescription>EXTENDED DESCRIPTION IN MANDARIN</ExtendedDescription>
                <DownloadPackageNote>NOTES IN MANDARIN</DownloadPackageNote>
            </AlternateLanguage>
        </DownloadPackage>
```

XML Example

```
    </DownloadPackageTransactionResult>
  </createDownloadPackageResponse>
```

Element: createManufacturer

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Manufacturer	Manufacturer	1..1	See Manufacturer.
OpType	OpTypeType	0..1	See OpTypeType.

XML Example

The following XML fragment illustrates a **createManufacturer** message:

```
<createManufacturer>
    <Manufacturer>
        <ManufacturerID>AS-FLEXERAQA</ManufacturerID>
        <Name>AS-FLEXERAQA</Name>
        <!--Optional:-->
        <Status>ACTIVE</Status>
    </Manufacturer>
</createManufacturer>
```

Element: createManufacturerResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ManufacturerTransactionResult	ManufacturerTransactionResult	1..1	See ManufacturerTransactionResult.

XML Example

The following XML fragment illustrates a successful **createManufacturerResponse** message:

```
<createManufacturerResponse>
    <ManufacturerTransactionResult>
        <TransactionResult>
            <TransactionID>2200543373</TransactionID>
            <TransactionStatus>SUCCESS</TransactionStatus>
            <ProcessedTime>2016-02-18T01:26:25.847Z</ProcessedTime>
        </TransactionResult>
        <Manufacturer>
            <ManufacturerID>AS-FLEXERAQA</ManufacturerID>
            <Name>AS-FLEXERAQA</Name>
            <Status>ACTIVE</Status>
        </Manufacturer>
    </ManufacturerTransactionResult>
</createManufacturerResponse>
```

Element: Description [type DownloadPackageContainerCapabilityResponse]

Description

This is the full name relating to the Product ID. The description may include manufacturer name, version, operating system, encryption level, or language.

Derived By

Type string

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: DownloadPackageContainerCapabilityRequest [element updateDownloadPackageContainerCapability]

Description

See, DownloadPackageContainerCapabilityRequest.

Derived By

Type DownloadPackageContainerCapabilityRequest

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageID	string	1..1	This is your company's unique identifier for this Download Package. It is recommended that you use this field to facilitate Download Package management between versions, bug fixes, or patches. Maximum of 100 characters.
ContainerDelivery	boolean	1..1	This option indicates that the Download Package can be used to deliver container artifacts. Set this option to "Yes" to include images and charts and "No" to deliver files only.

Referenced By

Name	Type
updateDownloadPackageContainerCapability	Element
updateDownloadPackageContainerCapability	Method

Definition

See updateDownloadPackageContainerCapability

Element: DownloadPackageContainerCapabilityResponse [type DownloadPackageContainerCapabilityTransactionResult]

Derived By

Type DownloadPackageContainerCapabilityResponse

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageID	string	1..1	This is your company's unique identifier for this Download Package. We recommend that you use this field to facilitate Download Package management between versions, bug fixes, or patches. Maximum of 100 characters.
Description	string	1..1	This is the full name relating to the Product ID. The description may include manufacturer name, version, operating system, encryption level, or language.
ContainerDelivery	boolean	1..1	This option indicates that the Download Package can be used to deliver container artifacts. Set this option to "Yes" to include images and charts and "No" to deliver files only.
Version	string	0..1	This is the version of the Download Package. Maximum of 64 characters.
EffectiveDate	date	0..1	The date the Download Package is available for download. Accounts have access to the Download Package if the Download Package's Effective Date occurs within an Entitlement's Effective and Expiration dates on the Line Item for that Download Package.
ExpirationDate	date	0..1	If the Expiration Date is in the future the Download Package appears on the versions section. If the Expiration Date is in the past, the Download Package moves to the archives section. Accounts have access to the Download Package from the archives section even if the Download Package is expired, provided there is an overlap between the Download Package's Effective and Expiration dates and the Entitlement's Effective and Expiration dates.
ArchiveDate	date	0..1	Archive date for the Download Package. Once this date has passed the Download Package /version will be archivedl. Users will still be able to download it if they have access through an overlap with their entitlement dates.

Content Model

Component	Type	Occurs	Description
SortGroup	string	0..1	The Sort Group of the Download Package controls the sorting of Product in FlexNet Operations. The value of this field should include padding to force the desired sorting. If your product follows a release number schema of x.y.z, the release roup should be of the form xxx.yyy.zzz. For example, version 9.1 would map to a SortGroup of 009.001.000. Version 10.2.3 would map to 010.002.003. The Sort Group could also just apply to the top level release number if desired. Version 10.1.2 could have a sort group of 010 as would version 10 SP2. The second level sort of the product list is the effective date of the product. Maximum of 20 characters.
ExtendedDescription	string	0..1	This is the Extended Description. Maximum of 1000 characters.
ExportComplianceClassification	ExportComplianceClassification	0..1	See, ExportComplianceClassification.
Manufacturer	Manufacturer	0..1	See Manufacturer.
ProductLine	ProductLine	0..1	This is the Product Line attribute for the Download Package. This is typically the same Product Line attribute set on the Product this Download Package is associated to. If the Product Lines are different among Download Packages associated to a Product, the user ar allowed to select from list of Product Lines. This is useful if you deliver different Download Packages for a Product to comprise a bundle or suite offering. Contact your Client Relations Manager for more information if you are interested in changing your Download Package hierarchy.
EndUserLicenseAgreement	Agreement	0..1	The End User License Agreement associated with this Download Package. The End User must read through and click an acceptance button before proceeding to the download.
EvaluationEndUserLicenseAgreement	Agreement	0..1	See Agreement.
DownloadPackageNote	string	0..1	Additional note/information for the Download Package.
PhysicalDistributionAvailable	boolean	0..1	With this option set to 'yes', the End User will have the option to request a physical copy of the Download Package. When the End User requests physical delivery, an email is sent to the email address configured in FlexNet Operations.
RestrictCode	string	0..1	Restrict Download Package functionality. Values are A=Allow, D=Deny, N=empty string (not currently restricted).
AttributeDescriptor	AttributeDescriptor	0..*	See AttributeDescriptor.
AlternateLanguage	DownloadPackageAlternateLanguage	0..*	See DownloadPackageAlternateLanguage.

Referenced By

Name	Type
DownloadPackageContainerCapabilityTransactionResult	Complex Type

Definition

See DownloadPackageContainerCapabilityTransactionResult

Element: DownloadPackageContainerCapabilityTransactionResult [element updateDownloadPackageContainerCapabilityResponse]

Description

See, DownloadPackageContainerCapabilityTransactionResult.

Derived By

Type DownloadPackageContainerCapabilityTransactionResult

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	
DownloadPackageContainerCapabilityResponse	DownloadPackageContainerCapabilityResponse	1..1	

Referenced By

Name	Type
updateDownloadPackageContainerCapabilityResponse	Element
updateDownloadPackageContainerCapability	Method

Definition

See updateDownloadPackageContainerCapabilityResponse

Element: DownloadPackageID [type DownloadPackageContainerCapabilityRequest]

Description

This is your company's unique identifier for this Download Package. It is recommended that you use this field to facilitate Download Package management between versions, bug fixes, or
patches.
Maximum of 100 characters.

Derived By

Type string

Referenced By

Name	Type
DownloadPackageContainerCapabilityRequest	Complex Type

Definition

See DownloadPackageContainerCapabilityRequest

Element: DownloadPackageID [type DownloadPackageContainerCapabilityResponse]

Description

This is your company's unique identifier for this Download Package. We recommend that you use this field to facilitate Download Package management between versions, bug fixes, or patches.
Maximum of 100 characters.

Derived By

Type string

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: DownloadPackageNote [type DownloadPackageContainerCapabilityResponse]

Description

Additional note/information for the Download Package.

Derived By

Type string

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: EffectiveDate [type DownloadPackageContainerCapabilityResponse]

Description

The date the Download Package is available for download. Accounts have access to the Download Package if the Download Package's Effective Date occurs within an Entitlement's Effective and Expiration dates on the Line Item for that Download Package.

Derived By

Type date

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: EndUserLicenseAgreement [type DownloadPackageContainerCapabilityResponse]

Description

The End User License Agreement associated with this Download Package. The End User must read through and click an acceptance button before proceeding to the download.

Derived By

Type Agreement

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Description	string	1..1	Required. The name of the End User License Agreement for internal reference. Maximum of 100 characters.
Content	string	0..1	Required for create. Field for text or HTML content of the End User License Agreement, as you intend to display to the end user on the download site. Supports an unlimited number of characters.

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: EvaluationEndUserLicenseAgreement [type DownloadPackageContainerCapabilityResponse]

Description

See Agreement.

Derived By

Type Agreement

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Description	string	1..1	Required. The name of the End User License Agreement for internal reference. Maximum of 100 characters.
Content	string	0..1	Required for create. Field for text or HTML content of the End User License Agreement, as you intend to display to the end user on the download site. Supports an unlimited number of characters.

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: ExpirationDate [type DownloadPackageContainerCapabilityResponse]

Description

If the Expiration Date is in the future the Download Package appears on the versions section. If the Expiration Date is in the past, the Download Package moves to the archives section. Accounts have access to the Download Package from the archives section even if the Download Package is expired, provided there is an overlap between the Download Package's Effective and Expiration dates and the Entitlement's Effective and Expiration dates.

Derived By

Type date

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: ExportComplianceClassification [type DownloadPackageContainerCapabilityResponse]

Description

See, ExportComplianceClassification.

Derived By

Type ExportComplianceClassification

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
NLR	string	0..1	NLR is the designator of a transaction that stands for the "No License Required" authorization. NLR may be used for either EAR99 items, or items on the CCL that do not require a license for the destination in question, provided no General Prohibitions apply.
ECCNCode	string	0..1	The Export Control Classification Number, or ECCN, is the U.S. term for an export classification code. An ECCN identifies the relevant category and paragraph of a classification, as they are maintained under the EAR's Commerce Control List.
ENCCode	string	0..1	Encryption Licensing Arrangement: Refers to a specific type of export license that allows the export or re-export of specified encryption hardware or software to specified destinations in unlimited quantities.
CCATSCode	string	0..*	Refers to the Commodity Classification Automated Tracking System, or CCATS, number that the BIS assigns to a commodity classification request.

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: ExtendedDescription [type DownloadPackageContainerCapabilityResponse]

Description

This is the Extended Description. Maximum of 1000 characters.

Derived By

Type string

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: getAgreementCount

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
AgreementQueryParameters	AgreementQueryParameters	0..1	See AgreementQueryParameters.

XML Example

The following XML fragment illustrates a **getAgreementCount** message:

```
<getAgreementCount>
    <!--Optional:-->
    <AgreementQueryParameters>
        <!--Optional:-->
        <Description>
            <value>Agreement</value>
            <searchType>CONTAINS</searchType>
        </Description>
        <!--Optional:-->
        <!--Status>?</Status-->
    </AgreementQueryParameters>
</getAgreementCount>
```

Element: getAgreementCountResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
AgreementCountResult	AgreementCountResult	0..1	See AgreementCountResult.

XML Example

The following XML fragment illustrates a successful **getAgreementCountResponse** message:

```
<getAgreementCountResponse>
    <AgreementCountResult>
        <QueryResult xsi:nil="true"/>
        <ResponseData>
            <Count>26</Count>
        </ResponseData>
    </AgreementCountResult>
</getAgreementCountResponse>
```

Element: getAgreementQuery

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
AgreementQueryParameters	AgreementQueryParameters	0..1	See AgreementQueryParameters.

XML Example

The following XML fragment illustrates a **getAgreementQuery** message:

```
<getAgreementQuery>
    <!--Optional:-->
    <AgreementQueryParameters>
        <!--Optional:-->
        <Description>
            <value>AS-TEST</value>
            <searchType>STARTS_WITH</searchType>
        </Description>
        <!--Optional:-->
        <!--Status></Status-->
    </AgreementQueryParameters>
</getAgreementQuery>
```

Element: getAgreementQueryResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
AgreementQueryResults	AgreementQueryResults	0..1	See AgreementQueryResults.

XML Example

The following XML fragment illustrates a successful **getAgreementQueryResponse** message:

```
<getAgreementQueryResponse>
    <AgreementQueryResults>
        <QueryResult xsi:nil="true"/>
        <ResponseData>
            <Agreement>
                <Description>AS-TESTAGREEMENT-02</Description>
                <Content>TEXT CONTENT</Content>
            </Agreement>
            <Agreement>
                <Description>AS-TESTAGREEMENT-01</Description>
                <Content>TEST CONTENT</Content>
            </Agreement>
            <Agreement>
                <Description>AS-TESTAGREEMENT</Description>
                <Content>TEST CONTENT</Content>
            </Agreement>
        </ResponseData>
    </AgreementQueryResults>
<getAgreementQueryResponse>
```

Element: getDownloadPackageCount

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageQueryParameters	DownloadPackageQueryParameters	0..1	See DownloadPackageQueryParameters.

XML Example

The following XML fragment illustrates a **getDownloadPackageCount** message:

```
<getDownloadPackageCount>
    <DownloadPackageQueryParameters>
        <DownloadPackageID>
            <value>AS_DP_09</value>
            <searchType>EQUALS</searchType>
        </DownloadPackageID>
        <!--Description>
            <value>?</value>
            <searchType>?</searchType>
        </Description>
        <Version>?</Version>
        <CreationDateStart>?</CreationDateStart>
        <CreationDateEnd>?</CreationDateEnd>
        <Availability>CURRENT</Availability-->
    </DownloadPackageQueryParameters>
</getDownloadPackageCount>
```

Element: getDownloadPackageCountResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageCountResult	DownloadPackageCountResult	0..1	See DownloadPackageCountResult.

XML Example

The following XML fragment illustrates a successful **getDownloadPackageCountResponse** message:

```
<getDownloadPackageCountResponse>
    <DownloadPackageCountResult>
        <QueryResult xsi:nil="true"/>
        <ResponseData>
            <Count>1</Count>
        </ResponseData>
    </DownloadPackageCountResult>
</getDownloadPackageCountResponse>
```

Element: getDownloadPackageInProductCount

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageInProductQueryParameters	DownloadPackageInProductQueryParameters	0..1	See DownloadPackageInProductQueryParameters.

XML Example

The following XML fragment illustrates a **getDownloadPackageInProductCount** message:

```
<getDownloadPackageInProductCount>
    <!--Optional:-->
    <DownloadPackageInProductQueryParameters>
        <ProductName>AS-ESDProduct-0825161</ProductName>
        <ProductVersion>1.0</ProductVersion>
    </DownloadPackageInProductQueryParameters>
</getDownloadPackageInProductCount>
```

Element: getDownloadPackageInProductCountResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageInProductCountResult	DownloadPackageInProductCountResult	0..1	See DownloadPackageInProductCountResult.

XML Example

The following XML fragment illustrates a successful **getDownloadPackageInProductCountResponse** message:

```
<getDownloadPackageInProductCountResponse>
    <DownloadPackageInProductCountResult>
        <QueryResult>
            <Successful>1</Successful>
            <ProcessedTime xsi:nil="true"/>
        </QueryResult>
        <ResponseData>
            <Count>2</Count>
        </ResponseData>
    </DownloadPackageInProductCountResult>
</getDownloadPackageInProductCountResponse>
```

Element: getDownloadPackageInProductQuery

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageInProductQueryParameters	DownloadPackageInProductQueryParameters	1..1	See DownloadPackageInProductQueryParameters.
PageNumber	integer	1..1	Required. Starts at 1. If the **getDownloadPackageInProductQuery** operation (using the same query parameters) returns 100 records and the BatchSize is 50 records, set pageNumber to 2 to get the second batch of 50 records.
BatchSize	integer	1..1	Required. Maximum number of records to return in the response.
ReturnContainedObjects	boolean	1..1	Whether or not to include the contained objects in the response. TRUE or FALSE.

XML Example

The following XML fragment illustrates a **getDownloadPackageInProductQuery** message:

```
<getDownloadPackageInProductQuery>
   <DownloadPackageInProductQueryParameters>
      <ProductName>AS-ESDProduct-0825161</ProductName>
      <ProductVersion>1.0</ProductVersion>
   </DownloadPackageInProductQueryParameters>
   <PageNumber>1</PageNumber>
   <BatchSize>10</BatchSize>
   <ReturnContainedObjects>1</ReturnContainedObjects>
</getDownloadPackageInProductQuery>
```

Element: getDownloadPackageInProductQueryResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageInProductQueryResults	DownloadPackageInProductQueryResults	0..1	See DownloadPackageInProductQueryResults.

XML Example

The following XML fragment illustrates a successful **getDownloadPackageInProductQueryResponse** message:


```
<getDownloadPackageInProductQueryResponse>
    <DownloadPackageInProductQueryResults>
        <QueryResult>
            <Successful>1</Successful>
            <ProcessedTime xsi:nil="true"/>
        </QueryResult>
        <ResponseData>
            <DownloadPackageResult>
                <DownloadPackageSystemID>5095223</DownloadPackageSystemID>
                <DownloadPackage>
                    <DownloadPackageID>AS-DP-0825161</DownloadPackageID>
                    <Description>AS-DP-0825161</Description>
                    <EffectiveDate>2016-08-25</EffectiveDate>
                    <ExpirationDate>2018-12-31</ExpirationDate>
                    <ExportComplianceClassification>
                        <NLR>No</NLR>
                        <ECCNCode>EAR99</ECCNCode>
                        <CCATSCode/>
                    </ExportComplianceClassification>
                    <Manufacturer>
                        <ManufacturerID>FlexeraInternal</ManufacturerID>
                        <Name xsi:nil="true"/>
                    </Manufacturer>
                    <ProductLine>
                        <ProductLineID>1000_Productline</ProductLineID>
                    </ProductLine>
                    <EndUserLicenseAgreement>
                        <Description xsi:nil="true"/>
                    </EndUserLicenseAgreement>
                    <EvaluationEndUserLicenseAgreement>
                        <Description xsi:nil="true"/>
                    </EvaluationEndUserLicenseAgreement>
                    <PhysicalDistributionAvailable>0</PhysicalDistributionAvailable>
                    <RestrictCode>A</RestrictCode>
                    <AttributeDescriptor>
                        <AttributeName>NumDPRequired</AttributeName>
                        <StringValue>12</StringValue>
                    </AttributeDescriptor>
                    <AlternateLanguage>
                        <Language>zh</Language>
                    </AlternateLanguage>
                    <AlternateLanguage>
                        <Language>nl</Language>
```

XML Example


```
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>ru</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>it</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>tw</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>cs</Language>
            </AlternateLanguage>
            <AlternateLanguage>
               <Language>fr</Language>
            </AlternateLanguage>
            <AlternateLanguage>
               <Language>de</Language>
            </AlternateLanguage>
            <AlternateLanguage>
               <Language>es</Language>
            </AlternateLanguage>
            <AlternateLanguage>
               <Language>sv</Language>
            </AlternateLanguage>
            <AlternateLanguage>
               <Language>ja</Language>
            </AlternateLanguage>
            <AlternateLanguage>
               <Language>ko</Language>
            </AlternateLanguage>
            <AlternateLanguage>
               <Language>pt</Language>
            </AlternateLanguage>
        </DownloadPackage>
    </DownloadPackageResult>
    <DownloadPackageResult>
        <DownloadPackageSystemID>4626333</DownloadPackageSystemID>
        <DownloadPackage>
            <DownloadPackageID>AS-DP-031801</DownloadPackageID>
            <Description>AS Download Package 031801</Description>
            <Version>2016R2</Version>
            <EffectiveDate>2016-03-18</EffectiveDate>
            <ExpirationDate>2019-12-31</ExpirationDate>
            <SortGroup>2016Releases</SortGroup>
            <ExtendedDescription>Extended Description in English for AS Download Package
             031801</ExtendedDescription>
            <ExportComplianceClassification>
                <NLR>Yes</NLR>
            </ExportComplianceClassification>
            <Manufacturer>
                <ManufacturerID>FlexeraInternal</ManufacturerID>
               <Name xsi:nil="true"/>
            </Manufacturer>
            <ProductLine>
                <ProductLineID>ESD</ProductLineID>
            </ProductLine>
            <EndUserLicenseAgreement>
                <Description xsi:nil="true"/>
            </EndUserLicenseAgreement>
            <EvaluationEndUserLicenseAgreement>
                <Description xsi:nil="true"/>
            </EvaluationEndUserLicenseAgreement>
            <DownloadPackageNote>AVAILABLE FOR DOWNLOAD</DownloadPackageNote>
            <PhysicalDistributionAvailable>1</PhysicalDistributionAvailable>
            <RestrictCode>N</RestrictCode>
```

XML Example


```
                <AttributeDescriptor>
                    <AttributeName>PACKAGE-TYPE</AttributeName>
                   <StringValue>ESD</StringValue>
                </AttributeDescriptor>
                <AlternateLanguage>
                    <Language>zh</Language>
                    <Description>DESCRIPTION IN CHINESE</Description>
                    <ExtendedDescription>EXTENDED DESCRIPTION IN CHINESE</ExtendedDescription>
                    <DownloadPackageNote>AVAILABLE FOR DOWNLOAD IN CHINESE</DownloadPackageNote>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>nl</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>ru</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>it</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>tw</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>cs</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>fr</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>de</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>es</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>sv</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>ja</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>ko</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>pt</Language>
                </AlternateLanguage>
            </DownloadPackage>
        </DownloadPackageResult>
    </ResponseData>
  </DownloadPackageInProductQueryResults>
</getDownloadPackageInProductQueryResponse>
```

Element: getDownloadPackageQuery

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageQueryParameters	DownloadPackageQueryParameters	1..1	See DownloadPackageQueryParameters.
PageNumber	integer	1..1	Required. Starts at 1. Say the **getDownloadPackageQuery** operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set pageNumber to 2.
BatchSize	integer	1..1	Required. Maximum number of records to return in the response.
ReturnContainedObjects	boolean	1..1	Whether or not to include the contained objects in the response. TRUE or FALSE.

XML Example

The following XML fragment illustrates a **getDownloadPackageQuery** message:

```
<getDownloadPackageQuery>
   <DownloadPackageQueryParameters>
      <DownloadPackageID>
         <value>AS_DP</value>
         <searchType>CONTAINS</searchType>
      </DownloadPackageID>
      <Description>
         <value>AS_DP_09</value>
         <searchType>EQUALS</searchType>
      </Description>
      <!--Version>?</Version>
      <CreationDateStart>?</CreationDateStart>
      <CreationDateEnd>?</CreationDateEnd>
      <Availability>?</Availability-->
   </DownloadPackageQueryParameters>
   <PageNumber>1</PageNumber>
   <BatchSize>10</BatchSize>
   <ReturnContainedObjects>1</ReturnContainedObjects>
</getDownloadPackageQuery>
```

Element: getDownloadPackageQueryResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageQueryResults	DownloadPackageQueryResults	0..1	See DownloadPackageQueryResults.

XML Example

The following XML fragment illustrates a successful **getDownloadPackageQueryResponse** message:

```
<getDownloadPackageCountResponse>
    <DownloadPackageCountResult>
        <QueryResult xsi:nil="true"/>
            <ResponseData>
            <Count>1</Count>
        </ResponseData>
    </DownloadPackageCountResult>
</getDownloadPackageCountResponse>
```

Element: getManufacturerCount

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ManufacturerQueryParameters	ManufacturerQueryParameters	0..1	See ManufacturerQueryParameters.

XML Example

The following XML fragment illustrates a **getManufacturerCount** message.

```
<getManufacturerCount>
    <!--Optional:-->
    <ManufacturerQueryParameters>
        <!--Optional:-->
        <ManufacturerID>
            <value>AS-FLE</value>
            <searchType>CONTAINS</searchType>
        </ManufacturerID>
        <!--Optional:-->
        <Name>
            <value>AS-FLE</value>
            <searchType>CONTAINS</searchType>
        </Name>
        <!--Optional:-->
        <Status>INACTIVE</Status>
    </ManufacturerQueryParameters>
</getManufacturerCount>
```

Element: getManufacturerCountResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ManufacturerCountResult	ManufacturerCountResult	0..1	See ManufacturerCountResult.

XML Example

The following XML fragment illustrates a successful **getManufacturerCountResponse** message.

```
<getManufacturerCountResponse>
    <ManufacturerCountResult>
        <QueryResult xsi:nil="true"/>
            <ResponseData>
            <Count>1</Count>
        </ResponseData>
    </ManufacturerCountResult>
</getManufacturerCountResponse>
```

Element: getManufacturerQuery

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ManufacturerQueryParameters	ManufacturerQueryParameters	0..1	See ManufacturerQueryParameters.

XML Example

The following XML fragment illustrates a **getManufacturerQuery** message.

```
<getManufacturerQuery>
    <!--Optional:-->
    <ManufacturerQueryParameters>
        <!--Optional:-->
        <ManufacturerID>
            <value>BOC_ManufacturerID_201504</value>
            <searchType>STARTS_WITH</searchType>
        </ManufacturerID>
        <!--Optional:-->
        <Name>
            <value>BOC Manufacturer201504</value>
            <searchType>CONTAINS</searchType>
        </Name>
        <!--Optional:-->
        <Status>ACTIVE</Status>
    </ManufacturerQueryParameters>
</getManufacturerQuery>
```

Element: getManufacturerQueryResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ManufacturerQueryResults	ManufacturerQueryResults	0..1	See ManufacturerQueryResults.

XML Example

The following XML fragment illustrates a successful **getManufacturerQueryResponse** message:

```
<getManufacturerQueryResponse>
    <ManufacturerQueryResults>
        <QueryResult xsi:nil="true"/>
        <ResponseData>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150402T103835039</ManufacturerID>
                <Name>BOC Manufacturer20150402T103835040</Name>
                <Status>ACTIVE</Status>
            </Manufacturer>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150402T104441302</ManufacturerID>
                <Name>BOC Manufacturer20150402T104441302</Name>
                <Status>ACTIVE</Status>
            </Manufacturer>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150403T093144402</ManufacturerID>
                <Name>BOC Manufacturer20150403T093144402</Name>
                <Status>ACTIVE</Status>
            </Manufacturer>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150403T094545356</ManufacturerID>
                <Name>BOC Manufacturer20150403T094545356</Name>
                <Status>ACTIVE</Status>
            </Manufacturer>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150404T093147624</ManufacturerID>
                <Name>BOC Manufacturer20150404T093147624</Name>
                <Status>ACTIVE</Status>
            </Manufacturer>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150404T094546150</ManufacturerID>
                <Name>BOC Manufacturer20150404T094546150</Name>
                <Status>ACTIVE</Status>
            </Manufacturer>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150405T093200466</ManufacturerID>
                <Name>BOC Manufacturer20150405T093200466</Name>
                <Status>ACTIVE</Status>
            </Manufacturer>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150405T094559321</ManufacturerID>
                <Name>BOC Manufacturer20150405T094559321</Name>
                <Status>ACTIVE</Status>
```

XML Example


```
            </Manufacturer>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150406T093203294</ManufacturerID>
                <Name>BOC Manufacturer20150406T093203295</Name>
                <Status>ACTIVE</Status>
            </Manufacturer>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150406T094601734</ManufacturerID>
                <Name>BOC Manufacturer20150406T094601734</Name>
                <Status>ACTIVE</Status>
            </Manufacturer>
            <Manufacturer>
                <ManufacturerID>BOC_ManufacturerID_20150406T103128722</ManufacturerID>
                <Name>BOC Manufacturer20150406T103128722</Name>
                <Status>ACTIVE</Status>
            </Manufacturer>
        </ResponseData>
    </ManufacturerQueryResults>
</getManufacturerQueryResponse>
```

Element: getMultipleDownloadPackagesCount

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
MultipleDownloadPackagesQueryParameters	MultipleDownloadPackagesQueryParameters	0..1	See MultipleDownloadPackagesQueryParameters.

XML Example

The following XML fragment illustrates a **getMultipleDownloadPackagesCount** message:

```
<getMultipleDownloadPackagesCount>
    <!--Optional:-->
    <MultipleDownloadPackagesQueryParameters>
        <DownloadPackageID>AS_DP1</DownloadPackageID>
        <DownloadPackageID>AS_DP2</DownloadPackageID>
        <!--Optional:-->
        <DownloadPackageDescription>
            <value>AS_DP</value>
            <searchType>CONTAINS</searchType>
        </DownloadPackageDescription>
    </MultipleDownloadPackagesQueryParameters>
</getMultipleDownloadPackagesCount>
```

Element: getMultipleDownloadPackagesCount

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageCountResult	DownloadPackageCountResult	0..1	See DownloadPackageCountResult.

XML Example

The following XML fragment illustrates a successful **getMultipleDownloadPackagesCountResponse** message:

```
<getMultipleDownloadPackagesCountResponse>
    <DownloadPackageCountResult>
        <QueryResult>
            <Successful>1</Successful>
            <ProcessedTime xsi:nil="true"/>
        </QueryResult>
        <ResponseData>
            <Count>2</Count>
        </ResponseData>
    </DownloadPackageCountResult>
</getMultipleDownloadPackagesCountResponse>
```

Element: getMultipleDownloadPackagesQuery

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
MultipleDownloadPackagesQueryParameters	MultipleDownloadPackagesQueryParameters	1..1	See MultipleDownloadPackagesQueryParameters.
SortBys	DownloadPackageSortBys	1..1	See DownloadPackageSortBys.
PageNumber	integer	1..1	Required. Starts at 1. Say the getAccountsQuery operation using the same query parameters returns 100 records. If the batch size is 50 records and you want the second batch of 50, set **pageNumber** to 2.
BatchSize	integer	1..1	Required. Maximum number of records to return in the response.
ReturnContainedObjects	boolean	1..1	Whether or not to include the contained objects in the response. TRUE or FALSE.

XML Example

The following XML fragment illustrates a **getMultipleDownloadPackagesQuery** message:

```
<getMultipleDownloadPackagesQuery>
   <MultipleDownloadPackagesQueryParameters>
      <!--Zero or more repetitions:-->
      <DownloadPackageID>AS_DP_09031</DownloadPackageID>
         <DownloadPackageID>AS_DP1</DownloadPackageID>
      <DownloadPackageID>AS_DP2</DownloadPackageID>
   </MultipleDownloadPackagesQueryParameters>
   <SortBys>
      <SortBy>
         <SortKey>DOWNLOADPACKAGE_ID</SortKey>
         <Ascending>false</Ascending>
      </SortBy>
   </SortBys>
   <PageNumber>1</PageNumber>
   <BatchSize>50</BatchSize>
   <ReturnContainedObjects>0</ReturnContainedObjects>
</getMultipleDownloadPackagesQuery>
```

Element: getMultipleDownloadPackagesQueryResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
MultipleDownloadPackagesQueryResults	MultipleDownloadPackagesQueryResults	0..1	See MultipleDownloadPackagesQueryResults.

XML Example

The following XML fragment illustrates a successful **getMultipleDownloadPackagesQueryResponse** message without contained objects:

```
<getMultipleDownloadPackagesQueryResponse>
   <MultipleDownloadPackagesQueryResults>
      <QueryResult>
         <Successful>1</Successful>
         <ProcessedTime xsi:nil="true"/>
      </QueryResult>
      <ResponseData>
         <DownloadPackageResult>
            <DownloadPackage>
               <DownloadPackageID>AS_DP_09031</DownloadPackageID>
               <Description xsi:nil="true"/>
            </DownloadPackage>
         </DownloadPackageResult>
         <DownloadPackageResult>
            <DownloadPackage>
               <DownloadPackageID>AS_DP2</DownloadPackageID>
               <Description xsi:nil="true"/>
            </DownloadPackage>
         </DownloadPackageResult>
         <DownloadPackageResult>
            <DownloadPackage>
               <DownloadPackageID>AS_DP1</DownloadPackageID>
               <Description xsi:nil="true"/>
            </DownloadPackage>
         </DownloadPackageResult>
      </ResponseData>
   </MultipleDownloadPackagesQueryResults>
</getMultipleDownloadPackagesQueryResponse>
```

The following XML fragment illustrates a successful **getMultipleDownloadPackagesQueryResponse** message with contained objects:

```
<getMultipleDownloadPackagesQueryResponse>
   <MultipleDownloadPackagesQueryResults>
      <QueryResult>
         <Successful>1</Successful>
         <ProcessedTime xsi:nil="true"/>
      </QueryResult>
      <ResponseData>
         <DownloadPackageResult>
            <DownloadPackageSystemID>3725153</DownloadPackageSystemID>
            <DownloadPackage>
```

XML Example


```
    <DownloadPackageID>AS_DP1</DownloadPackageID>
    <Description>AS_DP1</Description>
    <EffectiveDate>2015-08-31</EffectiveDate>
    <ExpirationDate>2019-12-31</ExpirationDate>
    <ArchiveDate>2017-12-31</ArchiveDate>
    <ExtendedDescription>Extended Description for AS_DP1</ExtendedDescription>
    <ExportComplianceClassification>
        <NLR>No</NLR>
        <ECCNCode>UNKNOWN</ECCNCode>
       <CCATSCode/>
    </ExportComplianceClassification>
    <Manufacturer>
        <ManufacturerID>FlexeraInternal</ManufacturerID>
        <Name xsi:nil="true"/>
    </Manufacturer>
    <ProductLine>
        <ProductLineID>ESD</ProductLineID>
    </ProductLine>
    <EndUserLicenseAgreement>
        <Description xsi:nil="true"/>
    </EndUserLicenseAgreement>
    <EvaluationEndUserLicenseAgreement>
        <Description xsi:nil="true"/>
    </EvaluationEndUserLicenseAgreement>
    <PhysicalDistributionAvailable>0</PhysicalDistributionAvailable>
    <RestrictCode>N</RestrictCode>
    <AlternateLanguage>
        <Language>zh</Language>
    </AlternateLanguage>
    <AlternateLanguage>
        <Language>nl</Language>
    </AlternateLanguage>
    <AlternateLanguage>
        <Language>ru</Language>
    </AlternateLanguage>
    <AlternateLanguage>
        <Language>it</Language>
    </AlternateLanguage>
    <AlternateLanguage>
       <Language>tw</Language>
    </AlternateLanguage>
    <AlternateLanguage>
       <Language>cs</Language>
    </AlternateLanguage>
    <AlternateLanguage>
       <Language>fr</Language>
    </AlternateLanguage>
    <AlternateLanguage>
       <Language>de</Language>
    </AlternateLanguage>
    <AlternateLanguage>
       <Language>es</Language>
    </AlternateLanguage>
    <AlternateLanguage>
       <Language>sv</Language>
    </AlternateLanguage>
    <AlternateLanguage>
       <Language>ja</Language>
    </AlternateLanguage>
    <AlternateLanguage>
       <Language>ko</Language>
    </AlternateLanguage>
    <AlternateLanguage>
       <Language>pt</Language>
    </AlternateLanguage>
</DownloadPackage>
```

XML Example


```
        <Product>
            <ProductName>AS_Prod1</ProductName>
            <ProductVersion>1.0</ProductVersion>
        </Product>
    </DownloadPackageResult>
    <DownloadPackageResult>
        <DownloadPackageSystemID>3725363</DownloadPackageSystemID>
        <DownloadPackage>
            <DownloadPackageID>AS_DP2</DownloadPackageID>
            <Description>AS_DP2</Description>
            <EffectiveDate>2015-09-01</EffectiveDate>
            <ExpirationDate>2019-12-31</ExpirationDate>
            <ArchiveDate>2019-12-31</ArchiveDate>
            <ExportComplianceClassification>
                <NLR>No</NLR>
                <ECCNCode>UNKNOWN</ECCNCode>
                <CCATSCode/>
            </ExportComplianceClassification>
            <Manufacturer>
                <ManufacturerID>FlexeraInternal</ManufacturerID>
                <Name xsi:nil="true"/>
            </Manufacturer>
            <ProductLine>
                <ProductLineID>ESD</ProductLineID>
            </ProductLine>
            <EndUserLicenseAgreement>
                <Description xsi:nil="true"/>
            </EndUserLicenseAgreement>
            <EvaluationEndUserLicenseAgreement>
                <Description xsi:nil="true"/>
            </EvaluationEndUserLicenseAgreement>
            <PhysicalDistributionAvailable>0</PhysicalDistributionAvailable>
            <RestrictCode>N</RestrictCode>
            <AlternateLanguage>
                <Language>zh</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>nl</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>ru</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>it</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>tw</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>cs</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>fr</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>de</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>es</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>sv</Language>
            </AlternateLanguage>
            <AlternateLanguage>
                <Language>ja</Language>
            </AlternateLanguage>
```

XML Example


```
                <AlternateLanguage>
                    <Language>ko</Language>
                </AlternateLanguage>
                <AlternateLanguage>
                    <Language>pt</Language>
                </AlternateLanguage>
            </DownloadPackage>
            <Product>
                <ProductName>AS_Prod2</ProductName>
                <ProductVersion>1.0</ProductVersion>
            </Product>
        </DownloadPackageResult>
    </ResponseData>
  </MultipleDownloadPackagesQueryResults>
</getMultipleDownloadPackagesQueryResponse>
```

Element: Manufacturer [type DownloadPackageContainerCapabilityResponse]

Description

See Manufacturer.

Derived By

Type Manufacturer

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ManufacturerID	string	1..1	Required. This is your company's unique identifier for the Manufacturer. Alphanumeric format and must match the regular expression [A-Za-z0-9]. For example, "BS92" is acceptable, but BS_92 is not. Maximum of 100 characters.
Name	string	1..1	Required. The display name of the Manufacturer. This name is displayed when the end user navigates to his downloadable files. For example, in the sequence of Revenera, FlexNet Publisher, FlexNet Publisher 2015, "Revenera" is the Manufacturer. Maximum of 100 characters.
Status	string	0..1	One of the following: • ACTIVE (default) • INACTIVE Inactive Manufacturers will not be displayed in the dropdowns when editing DownloadPackages.

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: PhysicalDistributionAvailable [type DownloadPackageContainerCapabilityResponse]

Description

With this option set to 'yes', the End User will have the option to request a physical copy of the Download Package. When the End User requests physical delivery, an email is sent to the email address configured in FlexNet Operations.

Derived By

Type boolean

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: ProductLine [type DownloadPackageContainerCapabilityResponse]

Description

This is the Product Line attribute for the Download Package. This is typically the same Product Line attribute set on the Product this Download Package is associated to. If the Product Lines are different among Download Packages associated to a Product, the user ar allowed to select from list of Product Lines. This is useful if you deliver different Download Packages for a Product to comprise a bundle or suite offering. Contact your Client Relations Manager for more information if you are interested in changing your Download Package hierarchy.

Derived By

Type ProductLine

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductLineID	string	0..1	Your company's unique identifier for this Product Line. The Product Line is an attribute of both Catalog Items and Products.
Name	string	0..1	Required for create. The full name of the Product Line. This name appears as a navigational hyperlink option on the download site.
Description	string	0..1	Optional field for text or HTML content where you may include information about this Product Line. This content is typically only for internal reference and will not be displayed on the FlexNet Operations site.
Features	string	0..1	Optional field for text or HTML content where you may include marketing features of this Product Line. This content appears towards the top of the Product List page from the download site. Supports an unlimited number of characters.
SortOrder	string	0..1	The sort order of the product line. The sort order will determine the order in which the product line is displayed.
LicenseInformation	string	0..1	Optional field for text or HTML content where you may include information about licensing for all Products belonging to this Product Line. This content displays on the License Keys section.
AttributeDescriptor	AttributeDescriptor	0..*	See AttributeDescriptor.
AlternateLanguage	ProductLineAlternateLanguage	0..*	See ProductLineAlternateLanguage.
Status	string	0..1	The status of the product line. Active Products are in use on the download site.

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: removeDownloadPackageFromProduct

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Product	ProductIDType	1..1	See ProductIDType.
DownloadPackage	DownloadPackageIDType	1..1	See DownloadPackageIDType.

XML Example

The following XML fragment illustrates a **removeDownloadPackageFromProduct** message:

```
<removeDownloadPackageFromProduct>
    <Product>
        <ProductName>AS-ESDProduct-011401</ProductName>
            <ProductVersion>1.0</ProductVersion>
    </Product>
    <DownloadPackage>
        <DownloadPackageID>AS_DP_09</DownloadPackageID>
    </DownloadPackage>
</removeDownloadPackageFromProduct>
```

Element: removeDownloadPackageFromProductResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductDisassociation Result	ProductDisassociationResult	1..1	See ProductDisassociationResult.

XML Example

The following XML fragment illustrates a successful **removeDownloadPackageFromProductResponse** message:

```
<removeDownloadPackageFromProductResponse>
    <ProductDisassociationResult>
        <TransactionResult>
            <TransactionID>2171681993</TransactionID>
            <TransactionStatus>SUCCESS</TransactionStatus>
            <ProcessedTime>2016-04-15T18:39:08.624Z</ProcessedTime>
        </TransactionResult>
        <Product>
            <ProductName>AS-ESDProduct-011401</ProductName>
            <ProductVersion>1.0</ProductVersion>
        </Product>
        <DownloadPackage>
            <DownloadPackageID>AS_DP_09</DownloadPackageID>
        </DownloadPackage>
    </ProductDisassociationResult>
</removeDownloadPackageFromProductResponse>
```

Element: RestrictCode [type DownloadPackageContainerCapabilityResponse]

Description

Restrict Download Package functionality. Values are A=Allow, D=Deny, N=empty string (not currently restricted).

Derived By

Type string

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: RestrictCode [type RestrictDownloadPackageRef]

Description

The default value is "Allow".

Derived By

Type string

Referenced By

Name	Type
RestrictDownloadPackageRef	Complex Type

Definition

See RestrictDownloadPackageRef

Element: RestrictCountry [type RestrictCountryRef]

Derived By

Type string

Referenced By

Name	Type
RestrictCountryRef	Complex Type

Definition

See RestrictCountryRef

Element: RestrictCountryRef [element createRestrict]

Derived By

Type RestrictCountryRef

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ID	string	0..1	
SystemDownloadPackageID	string	1..1	
RestrictCountry	string	1..1	
RestrictRegion	string	0..*	**NOTE**: If you do not want to pass any value to the **RestrictRegion** parameter, provide an empty <RestrictRegion/> tag.
OperationType	string	0..1	The value for OperationType should be ADD. If it is not set to ADD, existing restrictions will be removed.

Referenced By

Name	Type
createRestrict	Method

Element: RestrictDownloadPackageRef [type DownloadPackageRestriction]

Derived By

Type RestrictDownloadPackageRef

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ID	string	0..1	
SystemDownloadPackageID	string	0..1	
RestrictCode	string	0..1	The default value is "Allow".

Referenced By

Name	Type
DownloadPackageRestriction	Complex Type

Definition

See DownloadPackageRestriction

Element: RestrictRegion [type RestrictCountryRef]

Description

NOTE: If you do not want to pass any value to the **RestrictRegion** parameter, provide an empty <RestrictRegion/> tag.

Derived By

Type string

Referenced By

Name	Type
RestrictCountryRef	Complex Type

Definition

See RestrictCountryRef

Element: RestrictTransactionResult [element createRestrictResponse]

Derived By

Type RestrictTransactionResult

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionResult	TransactionResult	1..1	

Referenced By

Name	Type
createRestrict	Method

Element: SortGroup [type DownloadPackageContainerCapabilityResponse]

Description

The Sort Group of the Download Package controls the sorting of Product in FlexNet Operations. The value of this field should include padding to force the desired sorting. If your product follows a release number schema of x.y.z, the release roup should be of the form xxx.yyy.zzz. For example, version 9.1 would map to a SortGroup of 009.001.000. Version 10.2.3 would map to 010.002.003. The Sort Group could also just apply to the top level release number if desired. Version 10.1.2 could have a sort group of 010 as would version 10 SP2. The second level sort of the product list is the effective date of the product. Maximum of 20 characters.

Derived By

Type string

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

Element: TransactionResult [type DownloadPackageContainerCapabilityTransactionResult]

Derived By

Type TransactionResult

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TransactionID	string	0..1	System generated ID returned as a reference for this submisson.
TransactionStatus	TransactionStatusType	1..1	SUCCESS or FAILURE
ProcessedTime	dateTime	1..1	Timestamp of the transaction.
TransactionError	TransactionError	0..*	See TransactionError.

Referenced By

Name	Type
DownloadPackageContainerCapabilityTransactionResult	Complex Type

Definition

See DownloadPackageContainerCapabilityTransactionResult

Element: updateAgreement

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Agreement	Agreement	1..1	See Agreement.
OriginalDescription	string	1..1	Used to "Reidentify" an agreement from "OriginalDescription" value to new "Description" value.

XML Example

The following XML fragment illustrates an **updateAgreement** message:

```
<updateAgreement>
    <Agreement>
        <Description>AS-TESTAGREEMENT-02</Description>
        <!--Optional:-->
        <Content>TEXT CONTENT</Content>
    </Agreement>
    <OriginalDescription>AS-TESTAGREEMENT-01</OriginalDescription>
</updateAgreement>
```

Element: updateAgreementResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
AgreementTransaction Result	AgreementTransactionResult	1..1	See AgreementTransactionResult.

XML Example

The following XML fragment illustrates a successful **updateAgreementResponse** message:

```
<updateAgreementResponse>
    <AgreementTransactionResult>
        <TransactionResult>
            <TransactionID>2291487167</TransactionID>
            <TransactionStatus>SUCCESS</TransactionStatus>
            <ProcessedTime>2016-02-22T17:56:21.399Z</ProcessedTime>
        </TransactionResult>
        <Agreement>
            <Description>AS-TESTAGREEMENT-02</Description>
            <Content>TEXT CONTENT</Content>
        </Agreement>
    </AgreementTransactionResult>
</updateAgreementResponse>
```

Element: updateDownloadPackage

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackage	DownloadPackage	1..1	See DownloadPackage.

XML Example

The following XML fragment illustrates an **updateDownloadPackage** message:

```
<updateDownloadPackage>
    <DownloadPackage>
        <DownloadPackageID>AS-DP-031802</DownloadPackageID>
        <Description>AS Download Package 031802 - Updated</Description>
        <Version>2016R2</Version>
        <EffectiveDate>2016-03-18</EffectiveDate>
        <ExpirationDate>2016-12-31</ExpirationDate>
        <ArchiveDate>2017-01-01</ArchiveDate>
        <SortGroup>2016Releases</SortGroup>
        <ExtendedDescription>Extended Description in English for AS Download
         Package 031801</ExtendedDescription>
        <ExportComplianceClassification>
            <NLR>F</NLR>
            <ECCNCode>5D002</ECCNCode>
            <ENCCode>NON_RETAIL</ENCCode>
            <CCATSCode>Z123456</CCATSCode>
        </ExportComplianceClassification>
        <Manufacturer>
            <ManufacturerID>FlexeraInternal</ManufacturerID>
            <Name>FLEXERA1INTERNAL</Name>
            <Status>ACTIVE</Status>
        </Manufacturer>
        <ProductLine>
            <ProductLineID>ESD</ProductLineID>
            <Name>ESD</Name>
        </ProductLine>
        <EndUserLicenseAgreement>
            <Description>FLEXERAQAAgreement</Description>
        </EndUserLicenseAgreement>
        <DownloadPackageNote>AVAILABLE FOR DOWNLOAD</DownloadPackageNote>
        <PhysicalDistributionAvailable>0</PhysicalDistributionAvailable>
        <AttributeDescriptor>
            <AttributeName>PACKAGE-TYPE</AttributeName>
            <StringValue>ESD</StringValue>
        </AttributeDescriptor>
        <AlternateLanguage>
            <Language>zh</Language>
            <Description>DESCRIPTION IN CHINESE</Description>
            <ExtendedDescription>EXTENDED DESCRIPTION IN CHINESE</ExtendedDescription>
            <DownloadPackageNote>AVAILABLE FOR DOWNLOAD IN CHINESE</DownloadPackageNote>
        </AlternateLanguage>
    </DownloadPackage>
</updateDownloadPackage>
```

Element: updateDownloadPackageContainerCapability

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageContainerCapabilityRequest	DownloadPackageContainerCapabilityRequest	1..1	See, DownloadPackageContainerCapabilityRequest.

Element: updateDownloadPackageContainerCapabilityResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageContainerCapabilityTransactionResult	DownloadPackageContainerCapabilityTransactionResult	1..1	See, DownloadPackageContainerCapabilityTransactionResult.

Element: updateDownloadPackageResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageTransactionResult	DownloadPackageTransactionResult	1..1	See DownloadPackageTransactionResult.

XML Example

The following XML fragment illustrates a successful **updateDownloadPackageResponse** message:

```
<updateDownloadPackageResponse>
    <DownloadPackageTransactionResult>
        <TransactionResult>
            <TransactionID>2171679953</TransactionID>
            <TransactionStatus>SUCCESS</TransactionStatus>
            <ProcessedTime>2016-04-15T16:35:30.162Z</ProcessedTime>
        </TransactionResult>
        <DownloadPackage>
            <DownloadPackageID>AS-DP-031802</DownloadPackageID>
            <Description>AS Download Package 031802 - Updated</Description>
            <Version>2016R2</Version>
            <EffectiveDate>2016-03-18</EffectiveDate>
            <ExpirationDate>2016-12-31</ExpirationDate>
            <ArchiveDate>2017-01-01</ArchiveDate>
            <SortGroup>2016Releases</SortGroup>
            <ExtendedDescription>Extended Description in English for AS
             Download Package 031801</ExtendedDescription>
            <ExportComplianceClassification>
                <NLR>No</NLR>
                <ECCNCode>5D002</ECCNCode>
                <ENCCode>NON_RETAIL</ENCCode>
                <CCATSCode>Z123456</CCATSCode>
            </ExportComplianceClassification>
            <Manufacturer>
                <ManufacturerID>FlexeraInternal</ManufacturerID>
                <Name xsi:nil="true"/>
            </Manufacturer>
            <ProductLine>
                <ProductLineID>ESD</ProductLineID>
            </ProductLine>
            <EndUserLicenseAgreement>
                <Description xsi:nil="true"/>
            </EndUserLicenseAgreement>
            <EvaluationEndUserLicenseAgreement>
                <Description xsi:nil="true"/>
            </EvaluationEndUserLicenseAgreement>
            <DownloadPackageNote>AVAILABLE FOR DOWNLOAD</DownloadPackageNote>
            <PhysicalDistributionAvailable>0</PhysicalDistributionAvailable>
            <AttributeDescriptor>
                <AttributeName>PACKAGE-TYPE</AttributeName>
                <StringValue>ESD</StringValue>
            </AttributeDescriptor>
            <AlternateLanguage>
```

XML Example


```
            <Language>zh</Language>
            <Description>DESCRIPTION IN CHINESE</Description>
            <ExtendedDescription>EXTENDED DESCRIPTION IN CHINESE</ExtendedDescription>
            <DownloadPackageNote>AVAILABLE FOR DOWNLOAD IN CHINESE</DownloadPackageNote>
        </AlternateLanguage>
    </DownloadPackage>
  </DownloadPackageTransactionResult>
</updateDownloadPackageResponse>
```

Element: updateManufacturer

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Manufacturer	Manufacturer	1..1	See Manufacturer.

XML Example

The following XML fragment illustrates an **updateManufacturer** message:

```
<updateManufacturer>
    <Manufacturer>
        <ManufacturerID>AS-FLEXERAQA</ManufacturerID>
        <Name>AS-FLEXERAQA</Name>
        <!--Optional:-->
        <Status>INACTIVE</Status>
    </Manufacturer>
</updateManufacturer>
```

Element: updateManufacturerResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ManufacturerTransactionResult	ManufacturerTransactionResult	1..1	See ManufacturerTransactionResult.

XML Example

The following XML fragment illustrates a successful **updateManufacturerResponse** message:

```
<updateManufacturerResponse>
    <ManufacturerTransactionResult>
        <TransactionResult>
            <TransactionID>2281494697</TransactionID>
            <TransactionStatus>SUCCESS</TransactionStatus>
            <ProcessedTime>2016-02-18T02:21:01.290Z</ProcessedTime>
        </TransactionResult>
        <Manufacturer>
            <ManufacturerID>AS-FLEXERAQA</ManufacturerID>
            <Name>AS-FLEXERAQA</Name>
            <Status>INACTIVE</Status>
        </Manufacturer>
    </ManufacturerTransactionResult>
</updateManufacturerResponse>
```

Element: Version [type DownloadPackageContainerCapabilityResponse]

Description

This is the version of the Download Package.
Maximum of 64 characters.

Derived By

Type string

Referenced By

Name	Type
DownloadPackageContainerCapabilityResponse	Complex Type

Definition

See DownloadPackageContainerCapabilityResponse

UsageService Web Service

Description

Web service to retrieve real-time, reconciled usage data for an account.

Introduction

The SOAP-based Usage web service enables producers to retrieve the end-user's product line, meter, unit of measure, actual use, entitled quantity, overage since statement, overage since reset, percentage, interval/reset, and time period.

Methods: UsageService

Methods

Name	Description
getUsage	The getUsage operation returns the end-user's product line, meter, unit of measure, actual use, entitled quantity, overage since statement, overage since reset, percentage, interval/reset, and time period.

Method: getUsage

Description

The getUsage operation returns the end-user's product line, meter, unit of measure, actual use, entitled quantity, overage since statement, overage since reset, percentage, interval/reset, and time period.

Parameters

Name	Type	Direction	Description
request	anyType	Input	Generate a request for usage data.

Returns

A GetUsageResponse element having the structure defined by the following table.

Name	Type	Description
statusInfoType	StatusInfoType	See StatusInfoType.
usages	Usage	See Usage.

Complex Types: UsageService

Complex Types

Name
Period
StatusInfoType
Usage

Complex Type: Period

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
startDate	string	1..1	Beginning date of the statement period.
endDate	string	1..1	Ending date of the statement period.

Complex Type: StatusInfoType

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
status	StatusType	1..1	Returns one of the following: • SUCCESS • FAILURE
reason	string	0..1	If successful, the number of usage statements being returned. If failure, a reason for the failure.

Complex Type: Usage

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
productLine	string	1..1	Product line (or category) that groups, classifies, and describes the product.
meter	string	1..1	The name of the meter (usually a feature name) for which usage date is being reported.
usageUnitName	string	1..1	Word used after displaying a quantity ("unit of measure") when displaying usage in Usage Reports UI and other reports. For example, bytes , kilobytes or gigabytes. Works with Scale to describe what metered feature is counting. This value is a String with a maximum length of 64 characters
usageSinceReset	double	1..1	Quantity of units used since the last reset.
entitled	double	1..1	Total quantity of units purchased.
overageSinceStatement	double	1..1	Quantity of units used in excess of the entitled amount in this statement period.
overageSinceReset	double	1..1	Quantity of units used in excess of the entitled amount since the last reset.
percentSinceReset	double	1..1	Percentage of units used since the last reset.
resetIntervalUnitName	string	1..1	Type of reset interval period unit (e.g. month, etc.).
resetInterval	long	1..1	Reset interval expressed in units.
period	Period	1..1	See Period.
entitledScaled	double	1..1	Entitled quantity (with scaling factor applied).
friendlyName	string	1..1	Display name of the feature
gracePeriod	long	1..1	Time allow for the grace period (in days).
gracePeriodUnitName	string	1..1	Name of the grace period unit.
overageSinceResetScaled	double	1..1	Overage since last reset (with scaling factor applied).
overageSinceStatementScaled	double	1..1	Overage since last statement (with scaling factor applied).
percentSinceStatement	double	1..1	Percentage of units used in this statement period.
reconciliationTimeZone	string	1..1	The time zone in which this statement was generated.

Content Model

Component	Type	Occurs	Description
scale	double	1..1	Divider used to take actual quantity used and convert to a smaller number for display purposes in the Usage Reports UI and other reports. For example, if Units are in bytes but you want to report usage in kilobytes, enter 1024 for Scale. This value is a String with a maximum length of 64 characters.
statementInterval	long	1..1	Periodic intervals in which statements are generated.
statementIntervalUnitName	string	1..1	The name of the periodic interval in which statements are generated.
usageSinceResetScaled	double	1..1	Usage amount since last reset (with scaling factor applied).
usageSinceStatement	double	1..1	Quantity of units used in this statement period.

Elements: UsageService

Elements

Name	Description
GetUsageRequest	
GetUsageResponse	

Element: GetUsageRequest

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
accountId	string	1..1	Name of the end-user account.

Referenced By

Name	Type
getUsage	Method

XML Example

The following XML fragment illustrates a **GetUsageRequest** message:

```
<GetUsageRequest>
    <accountId>BarryPhoto</accountId>
</GetUsageRequest>
```

Element: GetUsageResponse

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfoType	StatusInfoType	1..1	See StatusInfoType.
usages	Usage	1..*	See Usage.

Referenced By

Name	Type
getUsage	Method

XML Example

The following XML fragment illustrates a successful **GetUsageResponse** message:

```
<GetUsageResponse>
    <statusInfoType>
        <status>SUCCESS</status>
        <reason>Number of usage statements: 2</reason>
    </statusInfoType>
    <usages>
        <productLine>Demos</productLine>
        <meter>FNEDemoFeature1</meter>
        <usageUnitName/>
        <usageSinceReset>5.0</usageSinceReset>
        <entitled>2000.0</entitled>
        <overageSinceStatement>0.0</overageSinceStatement>
        <overageSinceReset>0.0</overageSinceReset>
        <percentSinceReset>0.25</percentSinceReset>
        <resetIntervalUnitName/>
        <resetInterval>0</resetInterval>
        <period>
            <startDate>2016-04-11</startDate>
            <endDate>2016-05-11</endDate>
        </period>
        <entitledScaled>2000.0</entitledScaled>
        <friendlyName/>
        <gracePeriod>0</gracePeriod>
        <gracePeriodUnitName>Day</gracePeriodUnitName>
        <overageSinceResetScaled>0.0</overageSinceResetScaled>
        <overageSinceStatementScaled>0.0</overageSinceStatementScaled>
        <percentSinceStatement>0.0</percentSinceStatement>
        <reconciliationTimeZone>America/Los_Angeles</reconciliationTimeZone>
        <scale>1.0</scale>
        <statementInterval>1</statementInterval>
        <usageSinceResetScaled>5.0</usageSinceResetScaled>
        <usageSinceStatement>0.0</usageSinceStatement>
    </usages>
    <usages>
```

XML Example


```
        <productLine>Demos</productLine>
        <meter>FNEDemoFeature2</meter>
        <usageUnitName/>
        <usageSinceReset>9.0</usageSinceReset>
        <entitled>1000.0</entitled>
        <overageSinceStatement>0.0</overageSinceStatement>
        <overageSinceReset>0.0</overageSinceReset>
        <percentSinceReset>0.8999999999999999</percentSinceReset>
        <resetIntervalUnitName>Month</resetIntervalUnitName>
        <resetInterval>12</resetInterval>
        <period>
            <startDate>2016-03-01</startDate>
            <endDate>2016-06-01</endDate>
        </period>
        <entitledScaled>1000.0</entitledScaled>
        <friendlyName/>
        <gracePeriod>0</gracePeriod>
        <gracePeriodUnitName>Day</gracePeriodUnitName>
        <overageSinceResetScaled>0.0</overageSinceResetScaled>
        <overageSinceStatementScaled>0.0</overageSinceStatementScaled>
        <percentSinceStatement>0.8999999999999999</percentSinceStatement>
        <reconciliationTimeZone>America/Los_Angeles</reconciliationTimeZone>
        <scale>1.0</scale>
        <statementInterval>3</statementInterval>
        <usageSinceResetScaled>9.0</usageSinceResetScaled>
        <usageSinceStatement>9.0</usageSinceStatement>
    </usages>
</GetUsageResponse>
```

ESDService Web Service

Description

Electronic Software Delivery Service (ESD Service) provides interfaces for accessing information related to the Software Delivery Module.

Introduction

Simple Workflow Using ESD Service APIs

1. Get the list of accounts that the logged-in user belongs to, that have entitlements, and let the user select an account.
    - Use getEntitledOrganizations API
2. Display all manufacturers that are on the entitlements for the selected account, and Product Lines, and allow the user to select.
    - Use getManufacturerProductLine API
3. Display all Download Packages that belong to the selected product line, and allow the user to select a Download Package.
    - Use getDownloadPackages API
4. Get the compliance information and EULA for the selected Download Package.
    - Use getEULA, acceptEULA APIs
    - Use getComplianceAgreement, acceptComplianceAgreement APIs
5. If the user is compliant, and has accepted the EULA, then display the files required for that Download Package.
    - Use getDownloadableFiles API
    - If the request for files specifies that EULA acceptance, and compliance, are required then **getDownloadableFiles** will return an error, **EULAIsNotAcceptedError**, and the user should be prompted with an appropriate message. For more information, see EULAIsNotAcceptedError under getDownloadableFiles and getFilesByDownloadPackages.

Considerations

The **getDownloadableFiles** and **getFilesByDownloadPackages** APIs throw a **EULAIsNotAcceptedError** if the user does not accept the EULA. Each EULA is for a single package, and therefore the error will be thrown per package.

This can be handled as follows:

1. Catch the exception **EULAIsNotAcceptedError_Exception** and handle it by adding the logic to get the EULA content using the **getEULA** API.
2. Once the content is retrieved, call the **acceptEULA** API to accept the EULA.
3. After the EULA is accepted, the package will be retrieved correctly.

Introduction

You should modify your implementation to request one package at a time, catch the exception, and call for EULA acceptance for each package until all the packages have been accepted.

How to Get an Authentication Token

To get an authentication token,

- Use getSecureToken web method to generate the token from FlexnetAuthentication Web Service.
- Request the token using any user credentials in the UserId and UserPassword fields.

  Note: Ensure to use the same user credentials in the SOAP header of ESD service.
- The sample SOAP request for generating token:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:v1.webservices.platform.flexnet.com">
   <soapenv:Header>
            <UserId>FNO ALM User ID</UserId>
             <UserPassword>FNO ALM Password in Base64 format</UserPassword>
          </soapenv:Header>
   <soapenv:Body>
     <urn:secureTokenRequest>
       <urn:userId>FNO ALM User ID</urn:userId>
       <!{}Optional:{}>
       <urn:tokenTimeoutSeconds>200</urn:tokenTimeoutSeconds>
     </urn:secureTokenRequest>
   </soapenv:Body>
 </soapenv:Envelope>
```

  Note: The tokenTimeoutSeconds can be any number of seconds, but it defaults to 300 seconds (5 minutes).

- Getting a new token does not invalidate a previously requested token (which remains valid until expiry).

How to Include the Token Generated in ESD Service

To include the token generated in ESD service,

- Use a valid token (non-expired) in the SOAP header for authenticating the service in the SOAP request.
- The sample SOAP header:

```
<soapenv:Header>
  <nsAuth:authnHeader>
    <nsAuth:id>FNO ALM User ID</nsAuth:id>
    <nsAuth:token>Token generated using FlexAuthService</nsAuth:token>
     <nsAuth:partnerCode>Tenant Id</nsAuth:partnerCode>
      </nsAuth:authnHeader>
</soapenv:Header>
```

- A sample SOAP request for one of the web methods in ESD service with authentication token in the soap header:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
          xmlns:esd="http://esdservice.esd.flexerasoftware.com"
          xmlns:nsAuth="http:/common.handler.flexerasoftware.com/authn">
          <soapenv:Header>
```

Introduction


```
            <nsAuth:authnHeader>
             <nsAuth:id>user@flexerasoftware.com</nsAuth:id>
             <nsAuth:token>sTc2PAj5VOrer5WlGP39N9GBpCqJulmIrVrNof-Ciq1FdDYp_TeZlpbFwfFJC3BcZ9MO6nkDXvUvWGmi5IG
r2sGp8-vS6L1FqMxeYhnGF5Skv_OmVoNMqlP6uE9rQY7FTHonX80hFbQ</nsAuth:token>
            <nsAuth:partnerCode>se02</nsAuth:partnerCode>
            </nsAuth:authnHeader>
          </soapenv:Header>
   <soapenv:Body>
     <esd:getEULARequest>
       <esd:DownloadPackageReference>
         <!{}Optional:{}>
         <esd:Id>23232</esd:Id>
         <esd:SystemId>2323</esd:SystemId>
       </esd:DownloadPackageReference>
       <esd:OrganizationId>232323</esd:OrganizationId>
     </esd:getEULARequest>
   </soapenv:Body>
</soapenv:Envelope>
```

Methods: ESDService

Description

Electronic Software Delivery Service (ESD Service) provides interfaces for accessing information related to deliverable software products.

Methods

Name	Description
acceptComplianceAgreement	Accepts the compliance agreement for the specified Download Package, and saves the acceptance information. The acceptance information will be saved for five minutes, allowing sufficient time for the user to download the files. After that, the compliance acceptance state will be set back to "not accepted" and the user will have to be prompted to accept again.
acceptEULA	Accepts the EULA for the specified Download Package, and saves the acceptance information. There is no response to this call, but the accepted state will be saved until the EULA for the Download Package is changed. If the EULA has not been accepted, and a request for downloadable files is made with the requirement that the EULA must have been accepted, then the request for files will return an error and the new EULA will have to be accepted.
checkDownloadPackages	Checks whether Download Packages exist for each activation code in a collection. If this operation encounters an unknown activation ID, or an activation ID from an organization that the user is not a member of, a "false" response is returned for this activation code.
getAllFilesForPackage	Get a set of files that can be downloaded for a given Download Package. This will generate anonymous download links, if a member or organization is not specified in the request.
getComplianceAgreement	Returns the content of a compliance agreement.
getContent	Get the HTML content for a content-ID.
getDownloadableFiles	Get a set of files that can be downloaded for a given Download Package and a set of organizations entitled to it. ***NOTE****: Regarding the* ***EULAIsNotAcceptedError****, listed under* ***Faults*** *below, if the EULA has not been accepted, this error will be thrown. We recommend calling this method separately for each download package.*
getDownloadedFilesLog	Returns files that were downloaded by a customer, along with the count of completed downloads.
getDownloadLog	Returns information for a single download performed for a given file by members of a given organization.
getDownloadPackageByDownloadPackageId	Returns a Download Package specified by a Download Package ID.
getDownloadPackageNameByActivationId	Get all Download Packages for the given activation IDs.
getDownloadPackageNoticeDetails	Returns detailed information for an email notifying users of a Download Package's release.
getDownloadPackageNotifications	Returns header information for an email notifying users of a Download Package's releases.
getDownloadPackages	Get all Download Packages for a given product line and a set of organizations entitled to the Download Packages.

Methods

Name	Description
getDownloadPackagesByActivationIds	Get all Download Packages for the given activation IDs for organizations entitled to the Download Packages.
getEntitledOrganizations	Get a list of organizations that the requesting user is a member of, which are entitled to software products.
getEULA	Returns the content of an EULA and an optional export disclaimer.
getFileDownloads	Returns the download transactions/log for a file by date (in descending order). Lists the download log ID, and the email of the user who downloaded the file at that time.
getFilesByDownloadPackages	Gets the files for a list of Download Packages. ***NOTE**: Regarding the **EULAIsNotAcceptedError**, listed under **Faults** below, if the EULA has not been accepted, this error will be thrown. We recommend calling this method separately for each download package*
getImagesAndCharts	Get a list of docker images, and helm charts, which have been pushed to the registry for a Download Package configured to support the Software Container Delivery module.
getManufacturerProductLine	Get a set of all manufacturers and product lines that a user is related to as a member of a given account.
getNotDownloadedFiles	Retrieve a list of packages that have download files, which have not been downloaded. The order of the list is: • MANUFACTURERS • PRODUCT LINES • DOWNLOAD PACKAGE VERSIONS • DOWNLOAD PACKAGES • FILES
getRecentDownloadPackages	Search for the Download Packages that are downloaded within the specified number of days. The number of days is a configurable value. The minimum value is 30 days and maximum value is 180 days.
getRecentNotifications	Returns header information for email notifications that are sent within the specified number of days to the requesting user. The number of days is a configurable value. The minimum value is 30 days and maximum value is 180 days.
getRecentUploadedFiles	Search for the files that are uploaded within the specified number of days. The number of days is a configurable value. The minimum value is 30 days and maximum value is 180 days.
searchDownloadableFiles	Search for downloadable files by keyword.
searchDownloadPackages	Search for Download Packages by keyword.

Method: acceptComplianceAgreement

Description

Accepts the compliance agreement for the specified Download Package, and saves the acceptance information. The acceptance information will be saved for five minutes, allowing sufficient time for the user to download the files. After that, the compliance acceptance state will be set back to "not accepted" and the user will have to be prompted to accept again.

Parameters

Name	Type	Direction	Description
parameters	RequestByUser	Input	See acceptComplianceAgreementRequest.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnknownDownloadPackageError	UnknownDownloadPackageError
UnexpectedError	UnexpectedError

Method: acceptEULA

Description

Accepts the EULA for the specified Download Package, and saves the acceptance information. There is no response to this call, but the accepted state will be saved until the EULA for the Download Package is changed. If the EULA has not been accepted, and a request for downloadable files is made with the requirement that the EULA must have been accepted, then the request for files will return an error and the new EULA will have to be accepted.

Parameters

Name	Type	Direction	Description
parameters	RequestByUser	Input	See acceptEULARequest.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnknownDownloadPackageError	UnknownDownloadPackageError
UnexpectedError	UnexpectedError

Method: checkDownloadPackages

Description

Checks whether Download Packages exist for each activation code in a collection. If this operation encounters an unknown activation ID, or an activation ID from an organization that the user is not a member of, a "false" response is returned for this activation code.

Parameters

Name	Type	Direction	Description
parameters	RequestByUser	Input	See checkDownloadPackagesRequest.

Returns

A checkDownloadPackagesResponse element having the structure defined by the following table.

Name	Type	Description
ActivationId	string	Activation ID.
HasDownloadablePackages	boolean	An array of flags indicating whether corresponding activation IDs have downloadable packages or not. The array corresponds in size and order to the activation ids array, so each flag indicates whether the activation ID in the same position has Download Packages or not.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnexpectedError	UnexpectedError

Method: getAllFilesForPackage

Description

Get a set of files that can be downloaded for a given Download Package. This will generate anonymous download links, if a member or organization is not specified in the request.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getAllFilesForPackageRequest.

Returns

A getAllFilesForPackageResponse element having the structure defined by the following table.

Name	Type	Description
DownloadableFileList	DownloadableFile	List of downloadable files.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
DownloadPrivilegeError	DownloadPrivilegeError
UnknownPrincipalError	UnknownPrincipalError
UnknownDownloadPackageError	UnknownDownloadPackageError
ExportComplianceError	ExportComplianceError
UnexpectedError	UnexpectedError

Method: getComplianceAgreement

Description

Returns the content of a compliance agreement.

Parameters

Name	Type	Direction	Description
parameters	anyType	Input	See getComplianceAgreementResponse.

Returns

A getComplianceAgreementResponse element having the structure defined by the following table.

Name	Type	Description
Agreement	string	Compliance Agreement.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownOrganizationError	UnknownOrganizationError
UnknownDownloadPackageError	UnknownDownloadPackageError
UnexpectedError	UnexpectedError

Method: getContent

Description

Get the HTML content for a content-ID.

Parameters

Name	Type	Direction	Description
parameters	anyType	Input	See getContentRequest.

Returns

A getContentResponse element having the structure defined by the following table.

Name	Type	Description
Content	string	HTML Content.
DocumentName	string	HTML Content name.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
UnexpectedError	UnexpectedError
RequestValidationError	RequestValidationError

Method: getDownloadableFiles

Description

Get a set of files that can be downloaded for a given Download Package and a set of organizations entitled to it.

***NOTE**: Regarding the **EULAIsNotAcceptedError**, listed under **Faults** below, if the EULA has not been accepted, this error will be thrown. We recommend calling this method separately for each download package.*

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getDownloadableFilesRequest.

Returns

A getDownloadableFilesResponse element having the structure defined by the following table.

Name	Type	Description
DownloadPackage	DownloadPackage	The identifiers for a Download Package.
DownloadableFileList	DownloadableFile	List of downloadable files.
OrderBy	DownloadableFileOrderBy	Sort order of files in the response.
Ascending	boolean	Flag indicating whether files in the response are sorted in ascending order.
FileGroups	DownloadableFilesGroup	Downloadable files grouped under a group ID.
emailNoticeId	string	Email notice ID (if user got to the page by following email link).
MediaAvailable	boolean	Media availablility of the downloadable files.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnknownDownloadPackageError	UnknownDownloadPackageError
UnknownFileError	UnknownFileError
DownloadPrivilegeError	DownloadPrivilegeError
RestrictedPackageDistributionError	RestrictedPackageDistributionError
ExportComplianceError	ExportComplianceError
EULAIsNotAcceptedError	EULAIsNotAcceptedError
ComplianceAgreementIsNotAcceptedError	ComplianceAgreementIsNotAcceptedError

Faults

Name	Content
UnexpectedError	UnexpectedError

Method: getDownloadedFilesLog

Description

Returns files that were downloaded by a customer, along with the count of completed downloads.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getDownloadedFilesLogRequest.

Returns

A getDownloadedFilesLogResponse element having the structure defined by the following table.

Name	Type	Description
File	DownloadableFile	File • system id • file name • description • file update date

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnknownDownloadPackageError	UnknownDownloadPackageError
UnexpectedError	UnexpectedError

Method: getDownloadLog

Description

Returns information for a single download performed for a given file by members of a given organization.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getDownloadLogRequest.

Returns

A getDownloadLogResponse element having the structure defined by the following table.

Name	Type	Description
DownloadableFile	DownloadableFile	Downloadable file.
FileDownloadLog	FileDownloadLog	File download log.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnknownFileError	UnknownFileError
UnknownDownloadLogError	UnknownDownloadLogError
UnexpectedError	UnexpectedError

Method:getDownloadPackageByDownloadPackageId

Description

Returns a Download Package specified by a Download Package ID.

Parameters

Name	Type	Direction	Description
parameters	anyType	Input	See getDownloadPackageRequest.

Returns

A getDownloadPackagesResponse element having the structure defined by the following table.

Name	Type	Description
CurrentDownloadPackage	DownloadPackage	Current Download Packages.
ArchivedDownloadPackage	DownloadPackage	Archived Download Package.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownOrganizationError	UnknownOrganizationError
UnexpectedError	UnexpectedError

Method: getDownloadPackageNameByActivationId

Description

Get all Download Packages for the given activation IDs.

Parameters

Name	Type	Direction	Description
parameters	anyType	Input	See getDownloadPackageNameRequest.

Returns

A getDownloadPackageNameResponse element having the structure defined by the following table.

Name	Type	Description
DownloadPackageId	string	Download Package ID.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
UnexpectedError	UnexpectedError

Method: getDownloadPackageNoticeDetails

Description

Returns detailed information for an email notifying users of a Download Package's release.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getDownloadPackageNoticeDetailsRequest.

Returns

A getDownloadPackageNoticeDetailsResponse element having the structure defined by the following table.

Name	Type	Description
NotificationEmail	NotificationEmail	Notification Email.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnknownEmailError	UnknownEmailError
UnexpectedError	UnexpectedError

Method: getDownloadPackageNotifications

Description

Returns header information for an email notifying users of a Download Package's releases.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getDownloadPackageNotificationsRequest.

Returns

A getDownloadPackageNotificationsResponse element having the structure defined by the following table.

Name	Type	Description
NotificationEmail	NotificationEmail	Notification Email.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnknownDownloadPackageError	UnknownDownloadPackageError
UnexpectedError	UnexpectedError

Method: getDownloadPackages

Description

Get all Download Packages for a given product line and a set of organizations entitled to the Download Packages.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getDownloadPackagesRequest.

Returns

A getDownloadPackagesResponse element having the structure defined by the following table.

Name	Type	Description
CurrentDownloadPackage	DownloadPackage	Current Download Packages.
ArchivedDownloadPackage	DownloadPackage	Archived Download Package.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownProductLineError	UnknownProductLineError
UnknownActivationIdError	UnknownActivationIdError
UnknownOrganizationError	UnknownOrganizationError
UnexpectedError	UnexpectedError

Method: getDownloadPackagesByActivationIds

Description

Get all Download Packages for the given activation IDs for organizations entitled to the Download Packages.

Parameters

Name	Type	Direction	Description
parameters	anyType	Input	See getDownloadPackagesByActivationIdsRequest.

Returns

A getDownloadPackagesByActivationIdsResponse element having the structure defined by the following table.

Name	Type	Description
TotalCount	integer	Total count of the Download Package.
CurrentDownloadPackage	DownloadPackage	Current Download Packages.
ArchivedDownloadPackage	DownloadPackage	Archived Download Package.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownActivationIdError	UnknownActivationIdError
UnexpectedError	UnexpectedError

Method: getEntitledOrganizations

Description

Get a list of organizations that the requesting user is a member of, which are entitled to software products.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getEntitledOrganizationsRequest.

Returns

A getEntitledOrganizationsResponse element having the structure defined by the following table.

Name	Type	Description
OrganizationReference	OrganizationReference	Organization Reference.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnexpectedError	UnexpectedError

Method: getEULA

Description

Returns the content of an EULA and an optional export disclaimer.

Parameters

Name	Type	Direction	Description
parameters	anyType	Input	See getEULARequest.

Returns

A getEULAResponse element having the structure defined by the following table.

Name	Type	Description
EULA	string	EULA.
exportDisclaimer	string	The content of export disclaimer.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownOrganizationError	UnknownOrganizationError
UnknownDownloadPackageError	UnknownDownloadPackageError
UnexpectedError	UnexpectedError

Method: getFileDownloads

Description

Returns the download transactions/log for a file by date (in descending order). Lists the download log ID, and the email of the user who downloaded the file at that time.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getFileDownloadsRequest.

Returns

A getFileDownloadsResponse element having the structure defined by the following table.

Name	Type	Description
DownloadableFile	DownloadableFile	Downloadable file.
FileDownloadLog	FileDownloadLog	File download log.
TotalResults	int	Total number of downloads (for paginated responses).

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnknownFileError	UnknownFileError
UnexpectedError	UnexpectedError

Method: getFilesByDownloadPackages

Description

Gets the files for a list of Download Packages.

***NOTE**: Regarding the **EULAIsNotAcceptedError**, listed under **Faults** below, if the EULA has not been accepted, this error will be thrown. We recommend calling this method separately for each download package*

Parameters

Name	Type	Direction	Description
parameters	RequestByUser	Input	See getFilesByDownloadPackagesRequest.

Returns

A getFilesByDownloadPackagesResponse element having the structure defined by the following table.

Name	Type	Description
TotalCount	integer	Total count of the downloads.
DownloadPackage	DownloadPackage	The identifiers for a Download Package.
DownloadableFileList	DownloadableFile	List of downloadable files.
OrderBy	DownloadableFileOrderBy	Sort order of files in the response.
Ascending	boolean	Flag indicating whether files in the response are sorted in ascending order.
FileGroups	DownloadableFilesGroup	Group of files.
emailNoticeId	string	Email notice ID (if user got to the page by following email link).
MediaAvailable	boolean	Media availablility of the downloadable files.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnknownDownloadPackageError	UnknownDownloadPackageError
UnknownFileError	UnknownFileError
DownloadPrivilegeError	DownloadPrivilegeError
RestrictedPackageDistributionError	RestrictedPackageDistributionError
ExportComplianceError	ExportComplianceError

Faults

Name	Content
EULAIsNotAcceptedError	EULAIsNotAcceptedError
ComplianceAgreementIsNotAcceptedError	ComplianceAgreementIsNotAcceptedError
UnexpectedError	UnexpectedError

Method: getImagesAndCharts

Description

Get a list of docker images, and helm charts, which have been pushed to the registry for a Download Package configured to support the Software Container Delivery module.

Parameters

Name	Type	Direction	Description
parameters	anyType	Input	See getImagesAndChartsRequest.

Returns

A getImagesAndChartsResponse element having the structure defined by the following table.

Name	Type	Description
downloadPackageId	string	Download Package ID.
sysDownloadPackageId	long	Download Package ID of the system.
downloadPackageName	string	Download Package name
extendedDescription	string	Extended description.
version	string	Package version.
releaseGroup	string	Release group of the images and charts.
effectiveDateTimestamp	string	Timestamp representing the date the images and charts were effective.
expirationDateTimestamp	string	Timestamp representing the expiration date the images and charts.
archiveDateTimestamp	string	Archive date.
downloadPackageAvailability	boolean	Download package availability.
productLine	string	Product line.
owner	boolean	Owner.
restrictedDownloadPackage	boolean	Restricting access to a Download Package.
Repositories	Repository	Repositories of the images and charts.
Charts	Chart	Charts.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnexpectedError	UnexpectedError
RegistryServiceError	RegistryServiceError

Faults

Name	Content
UnknownPrincipalError	UnknownPrincipalError

Method: getManufacturerProductLine

Description

Get a set of all manufacturers and product lines that a user is related to as a member of a given account.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getManufacturerProductLineRequest.

Returns

A getManufacturerProductLineResponse element having the structure defined by the following table.

Name	Type	Description
ProductChart	ProductChartLevel	An array of manufacturers, each including its respective product lines.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnexpectedError	UnexpectedError

Method: getNotDownloadedFiles

Description

Retrieve a list of packages that have download files, which have not been downloaded. The order of the list is:

- MANUFACTURERS
- PRODUCT LINES
- DOWNLOAD PACKAGE VERSIONS
- DOWNLOAD PACKAGES
- FILES

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getNotDownloadedFilesRequest.

Returns

A getNotDownloadedFilesResponse element having the structure defined by the following table.

Name	Type	Description
ProductChart	ProductChartLevel	Product chart.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnexpectedError	UnexpectedError

Method: getRecentDownloadPackages

Description

Search for the Download Packages that are downloaded within the specified number of days. The number of days is a configurable value. The minimum value is 30 days and maximum value is 180 days.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getRecentDownloadPackagesRequest.

Returns

A getRecentDownloadPackagesResponse element having the structure defined by the following table.

Name	Type	Description
DownloadPackage	DownloadPackage	The identifiers for a Download Package.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnexpectedError	UnexpectedError

Method: getRecentNotifications

Description

Returns header information for email notifications that are sent within the specified number of days to the requesting user. The number of days is a configurable value. The minimum value is 30 days and maximum value is 180 days.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getRecentNotificationsRequest.

Returns

A getRecentNotificationsResponse element having the structure defined by the following table.

Name	Type	Description
NotificationEmail	NotificationEmail	Notification Email.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnexpectedError	UnexpectedError

Method: getRecentUploadedFiles

Description

Search for the files that are uploaded within the specified number of days. The number of days is a configurable value. The minimum value is 30 days and maximum value is 180 days.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See getRecentUploadedFilesRequest.

Returns

A getRecentUploadedFilesResponse element having the structure defined by the following table.

Name	Type	Description
CriticalUdfName	string	Critical Custom Attribute name. **Note:** When request's "includeCriticalUdf" flag is "true" and "ViewRecentUploadFiles.UDF.Critical" property is set for the partner, the value of this property is returned.
UploadedFile	UploadedFile	Uploaded files within the specified number of days. The number of days is a configurable value. The minimum value is 30 days and maximum value is 180 days.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
UnexpectedError	UnexpectedError

Method: searchDownloadableFiles

Description

Search for downloadable files by keyword.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See searchDownloadableFilesRequest.

Returns

A searchDownloadableFilesResponse element having the structure defined by the following table.

Name	Type	Description
File	DownloadableFile	File • system id • file name • description • file update date
TotalMatches	int	Total matches count. Number of all matches found in the index. Might be greater than the number of results returned.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
InvalidSearchQueryError	InvalidSearchQueryError
UnexpectedError	UnexpectedError

Method: searchDownloadPackages

Description

Search for Download Packages by keyword.

Parameters

Name	Type	Direction	Description
parameters	RequestByPrincipal	Input	See searchDownloadPackagesRequest.

Returns

A searchDownloadPackagesResponse element having the structure defined by the following table.

Name	Type	Description
DownloadPackage	DownloadPackage	The identifiers for a Download Package.
TotalMatches	int	Total matches count. Number of all matches found in the index. Might be greater than the number of results returned.

Faults

Name	Content
AuthenticationProblem	AuthenticationProblem
RequestValidationError	RequestValidationError
UnknownPrincipalError	UnknownPrincipalError
UnknownOrganizationError	UnknownOrganizationError
InvalidSearchQueryError	InvalidSearchQueryError
UnexpectedError	UnexpectedError

Complex Types: ESDService

Complex Types

Name
Artifact
ArtifactRequestParam
AuthenticationProblem
Chart
ChartVersion
ComplianceAgreementIsNotAcceptedError
DownloadableFile
DownloadableFileReference
DownloadableFilesGroup
DownloadPackage
DownloadPackageQueryParameters
DownloadPackageReference
DownloadPackageSortBy
DownloadPackageVersion
DownloadPrivilegeError
EmailReference
EULAIsNotAcceptedError
ExportComplianceError
FileDownloadLog
FilesQueryParameters
FilesSearchQueryType
FilesSortBy
HelmCommand
InvalidSearchQueryError
Maintainer
Manufacturer
Manufacturers
Member
NotificationEmail
OrganizationReference
ProductChartLevel
ProductLine
ProductLines
RegistryServiceError

Complex Types

Name
Repository
RepositoryRequestParam
RequestByPrincipal
RequestByUser
RequestValidationError
RestrictedPackageDistributionError
SearchQuery
SimpleSearchQueryType
Tag
UdfValue
UnexpectedError
UnknownActivationIdError
UnknownDownloadLogError
UnknownDownloadPackageError
UnknownEmailError
UnknownFileError
UnknownIdError
UnknownOrganizationError
UnknownPrincipalError
UnknownProductLineError
UploadedFile
UserDefinedField

Complex Type: Artifact

Description

An artifact pushed to a registry for a Download Package that supports Software Container Delivery. Possible artifacts are Docker images and Helm charts.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
size	long	0..1	Size of the artifact.
pushTime	string	0..1	Push time of the artifact.
pullTime	string	0..1	Pull time.
type	string	0..1	Type.
digest	string	0..1	Artifact digest.
icon	string	0..1	Icon.
Tags	Tag	1..*	Tag.

Referenced By

Name	Type
Artifacts [type Repository]	Element

Complex Type: ArtifactRequestParam

Description

Artifact Request Param.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
q	string	0..1	Queue.
withTag	boolean	0..1	With tag.

Referenced By

Name	Type
ArtifactRequestParam [element getImagesAndChartsRequest]	Element

Complex Type: AuthenticationProblem

Description

A problem occurring when authenticating an API call.

Derived By

Restricting anyType

Referenced By

Name	Type
AuthenticationProblem	Element

Complex Type: Chart

Description

A Helm chart.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	0..1	Chart name.
score	integer	0..1	Chart score.
chartVersion	ChartVersion	0..1	Chart version.

Referenced By

Name	Type
Charts [element getImagesAndChartsResponse]	Element

Complex Type: ChartVersion

Description

Helm chart version.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
digest	string	0..1	Chart version digest.
urls	string	0..*	URLs.
created	string	0..1	The date the Helm chart was created.
name	string	0..1	Chart name.
home	string	0..1	Home.
version	string	0..1	Chart version.
description	string	0..1	Chart version description.
keywords	string	0..*	Keyword.
apiVersion	string	0..1	API version.
Maintainers	Maintainer	1..*	Maintainers of the chart version
helmCommand	HelmCommand	0..1	The command used to pull the Helm chart.

Referenced By

Name	Type
chartVersion [type Chart]	Element

Complex Type: ComplianceAgreementIsNotAcceptedError

Description

An error indicating that a Download Package's compliance agreement has not been accepted.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackage	DownloadPackageReference	1..1	The identifiers for a Download Package.

Referenced By

Name	Type
ComplianceAgreementIsNotAcceptedError	Element

Complex Type: DownloadableFile

Description

The identifiers for a downloadable file

Derived By

Extending DownloadableFileReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.
FileName	string	1..1	File Name.
Description	string	1..1	Description for the Downloadable file.
HasDownloadsRemaining	boolean	0..1	An array of flags indicating whether corresponding activation IDs have downloadable packages or not.
HasCompressedContent	boolean	0..1	An array of flags indicating whether the files are compressed or not.
IsFileSynced	boolean	0..1	An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.
StatusCode	FileStatusCode	0..1	Status codes of the downloadable file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
CompressedSize	positiveInteger	0..1	Compressed size.

Content Model

Component	Type	Occurs	Description
ExtendedDescription	string	0..1	Extended description.
MassDownloadURL	string	0..1	URL for mass download.
DownloadURL	string	0..1	Download URL of a downloadable file.
ExternalURL	string	0..1	If the External delivery source is selected, the URL where the file is located.
ExecuteUponDownload	boolean	0..1	Flag indicating whether to execute the file upon download.
AdvancedDownloadProperties	string	0..1	The advanced download properties for the downloadable file.
DownloadMethod	FileDownloadMethod	1..1	File download method for a downloadable file.
NonDownloadableReason	NonDownloadableReason	0..1	If file is not downloadable, the reason.
CDRequestLink	string	0..1	URL for media requests.
ProductLineReference	ProductLineReference	0..1	Product line ID.
DownloadPackageReference	DownloadPackageReference	0..1	The identifiers for a Download Package.
MD5CheckSum	string	0..1	File's md5 checksum.
SHA256CheckSum	string	0..1	File's sha256 checksum.
UserDefinedFields	UserDefinedField	0..*	Custom attributes array.
DownloadImageUpdateDate	date	0..1	The date of the last file change.
CompletedDownloadCount	int	0..1	The number of the completed downloads.
OrderCDDownloadCount	int	0..1	The number of the file's media orders.

Referenced By

Name	Type
DownloadableFile [element getDownloadLogResponse]	Element
DownloadableFile [element getFileDownloadsResponse]	Element
DownloadableFileList [element getAllFilesForPackageResponse]	Element
DownloadableFileList [element getDownloadableFilesResponse]	Element
DownloadableFileList [element getFilesByDownloadPackagesResponse]	Element
File [element getDownloadedFilesLogResponse]	Element
File [element searchDownloadableFilesResponse]	Element

Referenced By

Name	Type
File [type UploadedFile]	Element

Complex Type: DownloadableFileReference

Description

The identifiers for a downloadable file.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.

Referenced By

Name	Type
DownloadableFile	Complex Type
DownloadableFileReferences [type DownloadPackage]	Element
FileReference [element getDownloadableFilesRequest]	Element
FileReference [element getDownloadLogRequest]	Element
FileReference [element getFileDownloadsRequest]	Element
Files [type DownloadableFilesGroup]	Element

Complex Type: DownloadableFilesGroup

Description

Group of the downloadable files.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
GroupId	string	1..1	Group ID.
Files	DownloadableFileReference	1..*	Files.

Referenced By

Name	Type
FileGroups [element getDownloadableFilesResponse]	Element
FileGroups [element getFilesByDownloadPackagesResponse]	Element

Complex Type: DownloadPackage

Description

The identifiers for a Download Package.

Derived By

Extending DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.
ProductLineId	ProductLineReference	0..1	Product line ID.
Description	string	0..1	Description for the Download Package.
EffectiveDate	date	0..1	Effective date of a Download Package.
Version	string	0..1	Version of the Download Package.
isCurrentVersion	boolean	0..1	Flag indicating whether the version is current.
PartnerCode	string	0..1	Tenant code.
ExtendedDescr	string	0..1	Extended description.
DownloadableFileReferences	DownloadableFileReference	0..*	The identifiers for a downloadable file.
DownloadableFileCount	positiveInteger	0..1	Downladable file count.
ManufacturerId	ManufacturerReference	0..1	Manufacturer ID of the Download Package.

Content Model

Component	Type	Occurs	Description
StatusCode	string	0..1	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
isExpired	boolean	0..1	A flag indication whether the Download Package is expired.
isRestricted	boolean	0..1	A flag indication whether the Download Package is restricted or not.
DownloadInstructions	string	0..1	Download instruction for the Download Package.

Referenced By

Name	Type
ArchivedDownloadPackage [element getDownloadPackagesByActivationIdsResponse]	Element
ArchivedDownloadPackage [element getDownloadPackagesResponse]	Element
CurrentDownloadPackage [element getDownloadPackagesByActivationIdsResponse]	Element
CurrentDownloadPackage [element getDownloadPackagesResponse]	Element
DownloadPackage [element getDownloadableFilesResponse]	Element
DownloadPackage [element getFilesByDownloadPackagesResponse]	Element
DownloadPackage [element getRecentDownloadPackagesResponse]	Element
DownloadPackage [element searchDownloadPackagesResponse]	Element

Referenced By

Name	Type
DownloadPackages [type DownloadPackageVersion]	Element

Complex Type: DownloadPackageQueryParameters

Description

Query parameters for a Download Package.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SearchBy	SimpleSearchQueryType	0..1	Search the Download Package by, • searchKey - The possible search keys are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME. **Note:** The Download Package can be searched using these search keys with Availability as Current. • searchValue
Availability	AvailabilityType	0..1	Availability (defaults to Current).

Referenced By

Name	Type
DownloadPackageQueryParameters [element getDownloadPackagesByActivationIdsRequest]	Element

Complex Type: DownloadPackageReference

Description

The identifiers for a Download Package.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
DownloadPackage	Complex Type
DownloadPackage [type ComplianceAgreementIsNotAcceptedError]	Element
DownloadPackage [type EULAIsNotAcceptedError]	Element
DownloadPackageReference [element acceptComplianceAgreementRequest]	Element
DownloadPackageReference [element acceptEULARequest]	Element
DownloadPackageReference [element getAllFilesForPackageRequest]	Element
DownloadPackageReference [element getComplianceAgreementRequest]	Element
DownloadPackageReference [element getDownloadableFilesRequest]	Element
DownloadPackageReference [element getDownloadedFilesLogRequest]	Element
DownloadPackageReference [element getDownloadPackageNotificationsRequest]	Element
DownloadPackageReference [element getEULARequest]	Element
DownloadPackageReference [element getFilesByDownloadPackagesRequest]	Element
DownloadPackageReference [type DownloadableFile]	Element

Complex Type: DownloadPackageSortBy

Description

The sort options for a Download Package.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SortKey	DownloadPackageSortKey	1..1	The sort keys to sort the Download Package are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME.
Ascending	boolean	1..1	Flag indicating whether files in the Download Package are sorted in ascending order.

Referenced By

Name	Type
SortBy [element getDownloadPackagesByActivationIdsRequest]	Element

Complex Type: DownloadPackageVersion

Description

The identifiers for a Download Package version.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
VersionNumber	string	1..1	The version number of a Download Package.
DownloadPackages	DownloadPackage	0..*	The identifiers for Download Packages.

Referenced By

Name	Type
DownloadPackageVersions [type ProductLine]	Element

Complex Type: DownloadPrivilegeError

Description

DownloadPrivilegeError is thrown when a user has no Download privileges.

Derived By

Restricting anyType

Referenced By

Name	Type
DownloadPrivilegeError	Element

Complex Type: EmailReference

Description

The identifiers for an email.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SystemEmailId	positiveInteger	1..1	System email ID.

Referenced By

Name	Type
NotificationEmail	Complex Type
EmailReference [element getDownloadPackageNoticeDetailsRequest]	Element

Complex Type: EULAIsNotAcceptedError

Description

The **EULAIsNotAcceptedError** is shown when the EULA is required and has not been accepted.

***NOTE**: The **getDownloadableFiles** and **getFilesByDownloadPackages** APIs throw a **EULAIsNotAcceptedError** error if the user does not accept the EULA. Each EULA is for a single package, and therefore the error will be thrown per package. We recommend calling this method separately for each download package*

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackage	DownloadPackageReference	1..1	The identifiers for a Download Package.

Referenced By

Name	Type
EULAIsNotAcceptedError	Element

Complex Type: ExportComplianceError

Description

An ExportComplianceError is thrown when export compliance check for the Download Package fails.

Derived By

Restricting anyType

Referenced By

Name	Type
ExportComplianceError	Element

Complex Type: FileDownloadLog

Description

The identifiers for a file Download log.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileDownloadLogId	integer	1..1	File download log ID.
StartDateTime	dateTime	1..1	The start date and time of file download log.
Member	Member	1..1	Member info.
EndDateTime	dateTime	0..1	The end date and time for a file download log.
DownloadMethod	FileDownloadMethod	0..1	File download method for a file download log.
IPAddress	string	0..1	IP address of the downloader.

Referenced By

Name	Type
FileDownloadLog [element getDownloadLogResponse]	Element
FileDownloadLog [element getFileDownloadsResponse]	Element

Complex Type: FilesQueryParameters

Description

Query parameters for the files.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SearchBy	FilesSearchQueryType	0..1	Search the files by, • searchKey - The possible search keys are FILE_DESC and FILE_NAME. **Note:** The files can be searched using these search keys with Availability as Current. • searchValue • Availability - It defaults to Current

Referenced By

Name	Type
FilesQueryParameters [element getFilesByDownloadPackagesRequest]	Element

Complex Type: FilesSearchQueryType

Description

Query types for the files search.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
searchKey	FilesSearchKey	1..1	Search downloads with the following two search keys with availability as current: • FILE_DESC • FILE_NAME
searchValue	string	1..1	Pass values in the format of %valueTosearchFor%, %valueTosearchFor, valueTosearchFor%.

Referenced By

Name	Type
SearchBy [type FilesQueryParameters]	Element

Complex Type: FilesSortBy

Description

Sort options for the files.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SortKey	FilesSortKey	1..1	The sort keys to sort the downloads are FILE_DESC and FILE_NAME.
Ascending	boolean	1..1	Flag indicating whether files are sorted in ascending order.

Referenced By

Name	Type
SortBy [element getFilesByDownloadPackagesRequest]	Element

Complex Type: HelmCommand

Description

Helm Command.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
repositoryAddCommand	string	0..1	Repository add command.
pushDirectoryCommand	string	0..1	Push directory command.
pushTgzCommand	string	0..1	Push Tags Command.
pushWithProvenanceCommand	string	0..1	Push with provenance command.
pullCommand	string	0..1	Pull command.
installCommand	string	0..1	Install command.

Referenced By

Name	Type
helmCommand [type ChartVersion]	Element

Complex Type: InvalidSearchQueryError

Description

An InvalidSearchQueryError is thrown when an Query text is invalid.

Derived By

Restricting anyType

Referenced By

Name	Type
InvalidSearchQueryError	Element

Complex Type: Maintainer

Description

The identifiers for a maintainer.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	0..1	Maintainer name.
email	string	0..1	Email address of the maintainer.

Referenced By

Name	Type
Maintainers [type ChartVersion]	Element

Complex Type: Manufacturer

Description

The identifiers for a manufacturer.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ManufacturerId	ManufacturerReference	1..1	Manufacturer ID of the manufacturer.
ManufacturerName	string	1..1	Manufacturer name.
ProductLines	ProductLine	1..*	An array of product lines (see the product line description below).

Referenced By

Name	Type
Manufacturers [type Manufacturers]	Element

Complex Type: Manufacturers

Description

The identifiers for the manufacturers.

Derived By

Extending ProductChartLevel

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Manufacturers	Manufacturer	1..*	An array of manufacturers, each including its respective product lines.

Complex Type: Member

Description

The identifiers for a member.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Email	MemberReference	1..1	Email address of the member.
FirstName	string	1..1	First name of the member.
LastName	string	1..1	Last name of the member.
Title	string	1..1	Title of the member.
OrganizationId	string	0..1	Organization ID.

Referenced By

Name	Type
Member [type FileDownloadLog]	Element

Complex Type: NotificationEmail

Description

The identifiers for a notification email.

Derived By

Extending EmailReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SystemEmailId	positiveInteger	1..1	System email ID.
Subject	string	0..1	Subject of the notification email.
SendDateTime	date	0..1	Send date and time of the notification email.
TextContent	string	0..1	Text content.
HTMLContent	string	0..1	HTML content.

Referenced By

Name	Type
NotificationEmail [element getDownloadPackageNoticeDetailsResponse]	Element
NotificationEmail [element getDownloadPackageNotificationsResponse]	Element
NotificationEmail [element getRecentNotificationsResponse]	Element

Complex Type: OrganizationReference

Description

The identifiers for an Organization.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
OrgId	string	1..1	Organization ID. If organization ID is not provided, all entitled organizations are returned.
OrgName	string	1..1	Organization name.

Referenced By

Name	Type
OrganizationReference [element getEntitledOrganizationsRequest]	Element
OrganizationReference [element getEntitledOrganizationsResponse]	Element

Complex Type: ProductChartLevel

Description

The level of product chart.

Derived By

Restricting anyType

Referenced By

Name	Type
Manufacturers	Complex Type
ProductLines	Complex Type
ProductChart [element getManufacturerProductLineResponse]	Element
ProductChart [element getNotDownloadedFilesResponse]	Element

Complex Type: ProductLine

Description

The identifiers for a product line.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductLineId	ProductLineReference	1..1	Product line ID.
ProductLineName	string	1..1	Product line name.
ProductLineDescr	string	1..1	Product line description, language dependent (defaults to English if requested language is not present).
OrganizationId	string	0..*	Optional array of IDs of organizations entitled to this product line.
DownloadPackageVersions	DownloadPackageVersion	0..*	Download Package versions.

Referenced By

Name	Type
ProductLines [type Manufacturer]	Element
ProductLines [type ProductLines]	Element

Complex Type: ProductLines

Description

The identifiers for the product lines.

Derived By

Extending ProductChartLevel

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductLines	ProductLine	1..*	An array of product lines (see the product line description below).

Complex Type: RegistryServiceError

Description

Registry Service Error.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
timestamp	string	1..1	Timestamp representing the date and time that the registry service error was thrown.
status	string	1..1	Status of registry service error.
message	string	1..1	Message.
details	string	1..1	Registery service error details.
debugMsg	string	1..1	Debug message.

Referenced By

Name	Type
RegistryServiceError	Element

Complex Type: Repository

Description

The identifiers for a download repository.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	0..1	Repository name.
description	string	0..1	Description for the repository.
pullCount	long	0..1	Pull count.
updateTime	string	0..1	Update time.
creationTime	string	0..1	Creation time.
artifactCount	long	0..1	Artifact count.
Artifacts	Artifact	1..*	An artifact pushed to a registry for a Download Package that supports Software Container Delivery. Possible artifacts are Docker images and Helm charts.

Referenced By

Name	Type
Repositories [element getImagesAndChartsResponse]	Element

Complex Type: RepositoryRequestParam

Description

Request parameters for a repository.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
q	string	0..1	Queue.
page	long	0..1	Page.
pageSize	long	0..1	Page size.

Referenced By

Name	Type
RepositoryRequestParam [element getImagesAndChartsRequest]	Element

Complex Type: RequestByPrincipal

Description

Request By Principal.

Derived By

Extending RequestByUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.

Complex Type: RequestByUser

Description

Request By User.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).

Referenced By

Name	Type
RequestByPrincipal	Complex Type

Complex Type: RequestValidationError

Description

RequestValidationError is thrown when the message is empty.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Message	string	1..*	Message.

Referenced By

Name	Type
RequestValidationError	Element

Complex Type: RestrictedPackageDistributionError

Description

RestrictedPackageDistributionError is thrown when the pakage is restricted.

Derived By

Restricting anyType

Referenced By

Name	Type
RestrictedPackageDistributionError	Element

Complex Type: SearchQuery

Description

The identifiers for a search query.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Query	string	1..1	Search query.
OrganizationId	string	1..1	Organization ID.
StartOffset	int	0..1	Index of first result starting with 0 (for pagination). StartOffset defaults to 0.
ResultSetSize	int	0..1	Number of results in the response (for pagination). ResultSetSize defaults to 1.

Referenced By

Name	Type
Query [element searchDownloadableFilesRequest]	Element
Query [element searchDownloadPackagesRequest]	Element

Complex Type: SimpleSearchQueryType

Description

Query types for a simple search.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
searchKey	SimpleSearchKey	1..1	The search keys to search the Download Pakage are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME. **Note:** The Download Package can be searched using these search keys with Availability as Current.
searchValue	string	1..1	Pass values in the format of %valueTosearchFor%, %valueTosearchFor, valueTosearchFor%

Referenced By

Name	Type
SearchBy [type DownloadPackageQueryParameters]	Element

Complex Type: Tag

Description

The identifiers for a tag.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	0..1	Tag name.
loginCommand	string	0..1	Login command.
tagCommand	string	0..1	Tag command.
pushCommand	string	0..1	Push command.
pullCommand	string	0..1	Pull command.

Referenced By

Name	Type
Tags [type Artifact]	Element

Complex Type: UdfValue

Description

The UDF value.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Description	string	1..1	UDF value description.
Value	string	0..1	Custom value. The values must contain "TagName" and "Value" in every "Content" element.

Referenced By

Name	Type
Content [type UserDefinedField]	Element

Complex Type: UnexpectedError

Description

Unexpected error.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Code	string	1..1	Code.
IncidentId	string	0..1	Incident ID.

Referenced By

Name	Type
UnexpectedError	Element

Complex Type: UnknownActivationIdError

Description

A UnknownActivationIdError is returned when an activation id doesn't correspond to any entitlement line item known to the ESD service.

Derived By

Extending UnknownIdError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
UnknownActivationIdError	Element

Complex Type: UnknownDownloadLogError

Description

Log error for a unknown download.

Derived By

Extending UnknownIdError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
UnknownDownloadLogError	Element

Complex Type: UnknownDownloadPackageError

Description

UnknownDownloadPackageError is thrown when the Download Package is not found in the database or restricted.

Derived By

Extending UnknownIdError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
UnknownDownloadPackageError	Element

Complex Type: UnknownEmailError

Description

A UnknownEmailError is thrown when the for the Email id passed in the request is not found.

Derived By

Extending UnknownIdError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
UnknownEmailError	Element

Complex Type: UnknownFileError

Description

This operation requires input of System File ID; It is returned in the response of the preceding "getDownloadedFilesLog" call. If the file is not found in the database, UnknownFileError is thrown.

Derived By

Extending UnknownIdError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
UnknownFileError	Element

Complex Type: UnknownIdError

Description

Unknown ID error.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
UnknownActivationIdError	Complex Type
UnknownDownloadLogError	Complex Type
UnknownDownloadPackageError	Complex Type
UnknownEmailError	Complex Type
UnknownFileError	Complex Type
UnknownOrganizationError	Complex Type
UnknownPrincipalError	Complex Type
UnknownProductLineError	Complex Type

Complex Type: UnknownOrganizationError

Description

For the Organization passed in the request, check that it matches the Member parameter. If it does not match, a UnknownOrganizationError is thrown.

Derived By

Extending UnknownIdError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
UnknownOrganizationError	Element

Complex Type: UnknownPrincipalError

Description

Unknown principal error.

Derived By

Extending UnknownIdError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
UnknownPrincipalError	Element

Complex Type: UnknownProductLineError

Description

A UnknownProductLineError is thrown when a product line is not found in the database.

Derived By

Extending UnknownIdError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
UnknownProductLineError	Element

Complex Type: UploadedFile

Description

Uploaded files within the specified number of days. The number of days is a configurable value. The minimumvalue is 30 days and maximum value is 180 days.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
File	DownloadableFile	1..1	File • system id • file name • description • file update date
Critical	boolean	0..1	Flag indicating if it's critical.
PackageVersion	string	1..1	Package version. PackageVersion is only set if "includePkgVersions" flag was "true" in the request.

Referenced By

Name	Type
UploadedFile [element getRecentUploadedFilesResponse]	Element

Complex Type: UserDefinedField

Description

Custom attribute filters to apply to the returned files.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TagName	string	1..1	Custom attribute name.
TagDescription	string	1..1	Custom attribute description.
Content	UdfValue	0..*	Custom attribute value.

Referenced By

Name	Type
UdfFilters [element getAllFilesForPackageRequest]	Element
UdfFilters [element getDownloadableFilesRequest]	Element
UserDefinedFields [type DownloadableFile]	Element

Simple Types: ESDService

Simple Types

Name
AvailabilityType
DownloadableFileOrderBy
DownloadPackageOrderBy
DownloadPackageSortKey
FileDownloadMethod
FilesSearchKey
FilesSortKey
FileStatusCode
LicenseReference
ManufacturerReference
MemberReference
NonDownloadableReason
NotificationsOrderBy
ProductLineReference
SearchResultsOrderBy
SimpleSearchKey
SimpleSearchType
VersionType

Simple Type: AvailabilityType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CURRENT	

Referenced By

Name	Type
Availability [type DownloadPackageQueryParameters]	Element

Simple Type: DownloadableFileOrderBy

Derived By

Restricting string

Enumeration

Value	Description
Description	
FileName	
FileAdded	
FileSize	

Referenced By

Name	Type
OrderBy [element getDownloadableFilesRequest]	Element
OrderBy [element getDownloadableFilesResponse]	Element
OrderBy [element getFilesByDownloadPackagesResponse]	Element

Simple Type: DownloadPackageOrderBy

Derived By

Restricting string

Enumeration

Value	Description
Version	
EffectiveDate	

Referenced By

Name	Type
OrderBy [element getDownloadPackagesRequest]	Element

Simple Type: DownloadPackageSortKey

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
DOWNLOADPACKAGE_ID	
DOWNLOADPACKAGE_NAME	
PRODUCT_LINE	
DATE_MODIFIED	

Referenced By

Name	Type
SortKey [type DownloadPackageSortBy]	Element

Simple Type: FileDownloadMethod

Derived By

Restricting string

Enumeration

Value	Description
HTTP	
FTP	
Akamai	
FlexeraDLM	
AkamaiDLM	
AkamaiDLM3	
Aspera	

Referenced By

Name	Type
DownloadMethod [type DownloadableFile]	Element
DownloadMethod [type FileDownloadLog]	Element

Simple Type: FilesSearchKey

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
FILE_DESC	
FILE_NAME	

Referenced By

Name	Type
searchKey [type FilesSearchQueryType]	Element

Simple Type: FilesSortKey

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
FILE_ADDED	
FILE_NAME	
FILE_SIZE	

Referenced By

Name	Type
SortKey [type FilesSortBy]	Element

Simple Type: FileStatusCode

Derived By

Restricting string

Enumeration

Value	Description
ARCHIVE	
DELETED	
LOADED	
NOT_LOADED	

Referenced By

Name	Type
StatusCode [type DownloadableFile]	Element

Simple Type: LicenseReference

Derived By

Restricting positiveInteger

Simple Type: ManufacturerReference

Derived By

Restricting string

Referenced By

Name	Type
ManufacturerId [type DownloadPackage]	Element
ManufacturerId [type Manufacturer]	Element

Simple Type: MemberReference

Derived By

Restricting string

Referenced By

Name	Type
Email [type Member]	Element

Simple Type: NonDownloadableReason

Derived By

Restricting string

Enumeration

Value	Description
LIMIT_REACHED	
NOT_AVAILABLE	
NOT_ALLOWED	

Referenced By

Name	Type
NonDownloadableReason [type DownloadableFile]	Element

Simple Type: NotificationsOrderBy

Derived By

Restricting string

Enumeration

Value	Description
SUBJECT	
SENTDATE	

Referenced By

Name	Type
OrderBy [element getRecentNotificationsRequest]	Element

Simple Type: ProductLineReference

Derived By

Restricting string

Referenced By

Name	Type
ProductLineId [type DownloadPackage]	Element
ProductLineId [type ProductLine]	Element
ProductLineReference [element getDownloadPackagesRequest]	Element
ProductLineReference [type DownloadableFile]	Element

Simple Type: SearchResultsOrderBy

Derived By

Restricting string

Enumeration

Value	Description
eff_date	
relevance	

Referenced By

Name	Type
OrderBy [element searchDownloadableFilesRequest]	Element
OrderBy [element searchDownloadPackagesRequest]	Element

Simple Type: SimpleSearchKey

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
DOWNLOADPACKAGE_ID	
DOWNLOADPACKAGE_NAME	

Referenced By

Name	Type
searchKey [type SimpleSearchQueryType]	Element

Simple Type: SimpleSearchType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
STARTS_WITH	
CONTAINS	
ENDS_WITH	
EQUALS	

Simple Type: VersionType

Derived By

Restricting string

Enumeration

Value	Description
Current	
Archived	
All	

Referenced By

Name	Type
VersionType [element getDownloadPackageInfoRequest]	Element
VersionType [element getDownloadPackagesRequest]	Element

Elements: ESDService

Elements

Name	Description
acceptComplianceAgreementRequest	An acceptComplianceAgreementRequest message contains an element of acceptComplianceAgreement.
acceptComplianceAgreementResponse	An acceptComplianceAgreementResponse message contains an element of checkDownloadPackages.
acceptEULARequest	An acceptEULARequest message contains an element of acceptEULA.
acceptEULAResponse	
ActivationId [element checkDownloadPackagesRequest]	Activation ID.
ActivationId [element checkDownloadPackagesResponse]	Activation ID.
ActivationId [element getDownloadPackageNameRequest]	Activation ID.
ActivationId [element getDownloadPackagesByActivationIdsRequest]	Activation ID.
ActivationId [type RequestByPrincipal]	Activation ID.
AdvancedDownloadProperties [type DownloadableFile]	The advanced download properties for the downloadable file.
Agreement [element getComplianceAgreementResponse]	Compliance Agreement.
apiVersion [type ChartVersion]	API version.
archiveDateTimestamp [element getImagesAndChartsResponse]	Archive date.
ArchivedDownloadPackage [element getDownloadPackagesByActivationIdsResponse]	Archived Download Package.
ArchivedDownloadPackage [element getDownloadPackagesResponse]	Archived Download Package.
artifactCount [type Repository]	Artifact count.
ArtifactRequestParam [element getImagesAndChartsRequest]	Artifact request param.
Artifacts [type Repository]	An artifact pushed to a registry for a Download Package that supports Software Container Delivery. Possible artifacts are Docker images and Helm charts.
Ascending [element getDownloadableFilesRequest]	Flag indicating whether files in the request are sorted in ascending order.
Ascending [element getDownloadableFilesResponse]	Flag indicating whether files in the response are sorted in ascending order.
Ascending [element getFilesByDownloadPackagesResponse]	Flag indicating whether files in the response are sorted in ascending order.
Ascending [type DownloadPackageSortBy]	Flag indicating whether files in the Download Package are sorted in ascending order.

Elements

Name	Description
Ascending [type FilesSortBy]	Flag indicating whether files are sorted in ascending order.
AuthenticationProblem	A problem occurring when authenticating an API call.
Availability [type DownloadPackageQueryParameters]	Availability (defaults to Current).
BatchSize [element getDownloadPackagesByActivationIdsRequest]	Batch Size.
BatchSize [element getFilesByDownloadPackagesRequest]	Batch Size.
CDRequestLink [type DownloadableFile]	URL for media requests.
Charts [element getImagesAndChartsResponse]	Charts.
chartVersion [type Chart]	Chart version.
checkDownloadPackagesRequest	A checkDownloadPackagesRequest message contains an element of checkDownloadPackages.
checkDownloadPackagesResponse	A checkDownloadPackagesResponse message contains an element of checkDownloadPackages.
Code [type UnexpectedError]	Code.
CompletedDownloadCount [type DownloadableFile]	The number of the completed downloads.
ComplianceAgreementIsNotAcceptedError	An error indicating that a Download Package's compliance agreement has not been accepted.
CompressedSize [type DownloadableFile]	Compressed size.
Content [element getContentResponse]	HTML Content.
Content [type UserDefinedField]	Custom attribute value.
contentId [element getContentRequest]	content ID.
created [type ChartVersion]	The date the Helm chart was created.
creationTime [type Repository]	Creation time.
Critical [type UploadedFile]	Flag indicating if it's critical.
CriticalUdfName [element getRecentUploadedFilesResponse]	Critical Custom Attribute name. **Note:** When request's "includeCriticalUdf" flag is "true" and "ViewRecentUploadFiles.UDF.Critical" property is set for the partner, the value of this property is returned.
CurrentDownloadPackage [element getDownloadPackagesByActivationIdsResponse]	Current Download Packages.
CurrentDownloadPackage [element getDownloadPackagesResponse]	Current Download Packages.
debugMsg [type RegistryServiceError]	Debug message.
description [type ChartVersion]	Chart version description.

Elements

Name	Description
Description [type DownloadableFile]	Description for the Downloadable file.
Description [type DownloadPackage]	Description for the Download Package.
description [type Repository]	Description for the repository.
Description [type UdfValue]	UDF value description.
details [type RegistryServiceError]	Registery service error details.
digest [type Artifact]	Artifact digest.
digest [type ChartVersion]	Chart version digest.
DocumentName [element getContentResponse]	HTML Content name.
DownloadableFile [element getDownloadLogResponse]	Downloadable file.
DownloadableFile [element getFileDownloadsResponse]	Downloadable file.
DownloadableFileCount [type DownloadPackage]	Downladable file count.
DownloadableFileList [element getAllFilesForPackageResponse]	List of downloadable files.
DownloadableFileList [element getDownloadableFilesResponse]	List of downloadable files.
DownloadableFileList [element getFilesByDownloadPackagesResponse]	List of downloadable files.
DownloadableFileReferences [type DownloadPackage]	The identifiers for a downloadable file.
DownloadImageUpdateDate [type DownloadableFile]	The date of the last file change.
DownloadInstructions [type DownloadPackage]	Download instruction for the Download Package.
DownloadMethod [type DownloadableFile]	File download method for a downloadable file.
DownloadMethod [type FileDownloadLog]	File download method for a file download log.
DownloadPackage [element getDownloadableFilesResponse]	The identifiers for a Download Package.
DownloadPackage [element getFilesByDownloadPackagesResponse]	The identifiers for a Download Package.
DownloadPackage [element getRecentDownloadPackagesResponse]	The identifiers for a Download Package.
DownloadPackage [element searchDownloadPackagesResponse]	The identifiers for a Download Package.
DownloadPackage [type ComplianceAgreementIsNotAcceptedError]	The identifiers for a Download Package.

Elements

Name	Description
DownloadPackage [type EULAIsNotAcceptedError]	The identifiers for a Download Package.
downloadPackageAvailability [element getImagesAndChartsResponse]	Download package availability.
DownloadPackageId [element getDownloadPackageInfoRequest]	Download Package ID.
DownloadPackageId [element getDownloadPackageNameResponse]	Download Package ID.
downloadPackageId [element getImagesAndChartsRequest]	Download Package ID.
downloadPackageId [element getImagesAndChartsResponse]	Download Package ID.
downloadPackageName [element getImagesAndChartsResponse]	Download Package name
DownloadPackageQueryParameters [element getDownloadPackagesByActivationIdsRequest]	Download Package query parameters.
DownloadPackageReference [element acceptComplianceAgreementRequest]	The identifiers for a Download Package.
DownloadPackageReference [element acceptEULARequest]	The identifiers for a Download Package.
DownloadPackageReference [element getAllFilesForPackageRequest]	The identifiers for a Download Package.
DownloadPackageReference [element getComplianceAgreementRequest]	The identifiers for a Download Package.
DownloadPackageReference [element getDownloadableFilesRequest]	The identifiers for a Download Package.
DownloadPackageReference [element getDownloadedFilesLogRequest]	The identifiers for a Download Package.
DownloadPackageReference [element getDownloadPackageNotificationsRequest]	The identifiers for a Download Package.
DownloadPackageReference [element getEULARequest]	The identifiers for a Download Package.
DownloadPackageReference [element getFilesByDownloadPackagesRequest]	The identifiers for a Download Package.
DownloadPackageReference [type DownloadableFile]	The identifiers for a Download Package.
DownloadPackages [type DownloadPackageVersion]	The identifiers for Download Packages.
DownloadPackageVersions [type ProductLine]	Download Package versions.
DownloadPrivilegeError	DownloadPrivilegeError is thrown when a user has no Download privileges.
DownloadURL [type DownloadableFile]	Download URL of a downloadable file.

Elements

Name	Description
EffectiveDate [type DownloadPackage]	Effective date of a Download Package.
effectiveDateTimestamp [element getImagesAndChartsResponse]	Timestamp representing the date the images and charts were effective.
email [type Maintainer]	Email address of the maintainer.
Email [type Member]	Email address of the member.
emailNoticeId [element getDownloadableFilesRequest]	Email notice ID (if user got to the page by following email link).
emailNoticeId [element getDownloadableFilesResponse]	Email notice ID (if user got to the page by following email link).
emailNoticeId [element getFilesByDownloadPackagesResponse]	Email notice ID (if user got to the page by following email link).
EmailReference [element getDownloadPackageNoticeDetailsRequest]	The identifiers for an email.
EndDateTime [type FileDownloadLog]	The end date and time for a file download log.
EntitlementId [type RequestByPrincipal]	Entitlement ID.
EULA [element getEULAResponse]	EULA.
EULAIsNotAcceptedError	The EULAIsNotAcceptedError is shown when the EULA is required and has not been accepted. ***NOTE****: The* ***getDownloadableFiles*** *and* ***getFilesByDownloadPackages*** *APIs throw a* ***EULAIsNotAcceptedError*** *error if the user does not accept the EULA. Each EULA is for a single package, and therefore the error will be thrown per package. We recommend calling this method separately for each download package*
EULARequired [element getDownloadableFilesRequest]	Flag indicating whether EULA is required.
EULARequired [element getFilesByDownloadPackagesRequest]	Flag indicating whether EULA is required.
ExecuteUponDownload [type DownloadableFile]	Flag indicating whether to execute the file upon download.
expirationDateTimestamp [element getImagesAndChartsResponse]	Timestamp representing the expiration date the images and charts.
ExportComplianceError	An ExportComplianceError is thrown when export compliance check for the Download Package fails.
ExportComplianceRequired [element getFilesByDownloadPackagesRequest]	Flag indicating whether export compliance is required.
exportDisclaimer [element getEULAResponse]	The content of export disclaimer.
ExtendedDescr [type DownloadPackage]	Extended description.
extendedDescription [element getImagesAndChartsResponse]	Extended description.
ExtendedDescription [type DownloadableFile]	Extended description.

Elements

Name	Description
ExternalURL [type DownloadableFile]	If the External delivery source is selected, the URL where the file is located.
File [element getDownloadedFilesLogResponse]	File • system id • file name • description • file update date
File [element searchDownloadableFilesResponse]	File • system id • file name • description • file update date
File [type UploadedFile]	File • system id • file name • description • file update date
FileDownloadLog [element getDownloadLogResponse]	File download log.
FileDownloadLog [element getFileDownloadsResponse]	File download log.
FileDownloadLogId [element getDownloadLogRequest]	File download log ID.
FileDownloadLogId [type FileDownloadLog]	File download log ID.
FileGroups [element getDownloadableFilesResponse]	Downloadable files grouped under a group ID.
FileGroups [element getFilesByDownloadPackagesResponse]	Group of files.
FileId [type DownloadableFileReference]	File ID.
FileName [type DownloadableFile]	File Name.
FileReference [element getDownloadableFilesRequest]	See DownloadableFileReference.

Elements

Name	Description
FileReference [element getDownloadLogRequest]	File reference.
FileReference [element getFileDownloadsRequest]	File reference.
Files [type DownloadableFilesGroup]	Files.
FilesQueryParameters [element getFilesByDownloadPackagesRequest]	Files query parameters.
FirstName [type Member]	First name of the member.
flexeraContent [element getContentRequest]	Flexera Content.
getAllFilesForPackageRequest	A getAllFilesForPackageRequest message contains an element of getAllFilesForPackage.
getAllFilesForPackageResponse	A getAllFilesForPackageResponse message contains an element of getAllFilesForPackage.
getComplianceAgreementRequest	A getComplianceAgreementRequest message contains an element of getComplianceAgreement.
getComplianceAgreementResponse	A getComplianceAgreementResponse message contains an element of getComplianceAgreement.
getContentRequest	A getContentRequest message contains an element of getContent.
getContentResponse	A getContentResponse message contains an element of getContent.
getDownloadableFilesRequest	A getDownloadableFilesRequest message contains an element of getDownloadableFiles.
getDownloadableFilesResponse	A getDownloadableFilesResponse message contains an element of getDownloadableFiles.
getDownloadedFilesLogRequest	A getDownloadedFilesLogRequest message contains an element of getDownloadedFilesLog.
getDownloadedFilesLogResponse	A getDownloadedFilesLogResponse message contains an element of getDownloadedFilesLog.
getDownloadLogRequest	A getDownloadLogRequest message contains an element of getDownloadLog.
getDownloadLogResponse	A getDownloadLogResponse message contains an element of getDownloadLog.
getDownloadPackageInfoRequest	A getDownloadPackageInfoRequest message contains an element of getDownloadPackageByDownloadPackageId.
getDownloadPackageNameRequest	A getDownloadPackageNameRequest message contains an element of getDownloadPackageNameByActivationId.
getDownloadPackageNameResponse	A getDownloadPackageNameResponse message contains an element of getDownloadPackageNameByActivationId.
getDownloadPackageNoticeDetailsRequest	A getDownloadPackageNoticeDetailsRequest message contains an element of getDownloadPackageNoticeDetails.
getDownloadPackageNoticeDetailsResponse	A getDownloadPackageNoticeDetailsResponse message contains an element of getDownloadPackageNoticeDetails.

Elements

Name	Description
getDownloadPackageNotificationsRequest	A getDownloadPackageNotificationsRequest message contains an element of getDownloadPackageNotifications.
getDownloadPackageNotificationsResponse	A getDownloadPackageNotificationsResponse message contains an element of getDownloadPackageNotifications.
getDownloadPackagesByActivationIdsRequest	A getDownloadPackagesByActivationIdsRequest message contains an element of getDownloadPackagesByActivationIds.
getDownloadPackagesByActivationIdsResponse	A getDownloadPackagesByActivationIdsResponse message contains an element of getDownloadPackagesByActivationIds.
getDownloadPackagesRequest	A getDownloadPackagesRequest message contains an element of getDownloadPackages.
getDownloadPackagesResponse	A getDownloadPackagesResponse message contains an element of getDownloadPackageByDownloadPackageId and getDownloadPackages.
getEntitledOrganizationsRequest	A getEntitledOrganizationsRequest message contains an element of getEntitledOrganizations.
getEntitledOrganizationsResponse	A getEntitledOrganizationsResponse message contains an element of getEntitledOrganizations.
getEULARequest	A getEULARequest message contains an element of getEULA.
getEULAResponse	A getEULAResponse message contains an element of getEULA.
getFileDownloadsRequest	A getFileDownloadsRequest message contains an element of getFileDownloads.
getFileDownloadsResponse	A getFileDownloadsResponse message contains an element of getFileDownloads.
getFilesByDownloadPackagesRequest	A getFilesByDownloadPackagesRequest message contains an element of getFilesByDownloadPackages.
getFilesByDownloadPackagesResponse	A getFilesByDownloadPackagesResponse message contains an element of getFilesByDownloadPackages.
getImagesAndChartsRequest	A getImagesAndChartsRequest message contains an element of getImageAndCharts.
getImagesAndChartsResponse	A getImagesAndChartsResponse message contains an element of getImageAndCharts.
getManufacturerProductLineRequest	A getManufacturerProductLineRequest message contains an element of getManufacturerProductLine.
getManufacturerProductLineResponse	A getManufacturerProductLineResponse message contains an element of getManufacturerProductLine.
getNotDownloadedFilesRequest	A getNotDownloadedFilesRequest message contains an element of getNotDownloadedFiles.
getNotDownloadedFilesResponse	A getNotDownloadedFilesResponse message contains an element of getNotDownloadedFiles.
getRecentDownloadPackagesRequest	A getRecentDownloadPackagesRequest message contains an element of getRecentDownloadPackages.
getRecentDownloadPackagesResponse	A getRecentDownloadPackagesResponse message contains an element of getRecentDownloadPackages.

Elements

Name	Description
getRecentNotificationsRequest	A getRecentNotificationsRequest message contains an element of getRecentNotifications.
getRecentNotificationsResponse	A getRecentNotificationsResponse message contains an element of getRecentNotifications.
getRecentUploadedFilesRequest	A getRecentUploadedFilesRequest message contains an element of getRecentUploadedFiles.
getRecentUploadedFilesResponse	A getRecentUploadedFilesResponse message contains an element of getRecentUploadedFiles.
GroupId [type DownloadableFilesGroup]	Group ID.
HasCompressedContent [type DownloadableFile]	An array of flags indicating whether the files are compressed or not.
HasDownloadablePackages [element checkDownloadPackagesResponse]	An array of flags indicating whether corresponding activation IDs have downloadable packages or not. The array corresponds in size and order to the activation ids array, so each flag indicates whether the activation ID in the same position has Download Packages or not.
HasDownloadsRemaining [type DownloadableFile]	An array of flags indicating whether corresponding activation IDs have downloadable packages or not.
helmCommand [type ChartVersion]	The command used to pull the Helm chart.
home [type ChartVersion]	Home.
HTMLContent [type NotificationEmail]	HTML content.
icon [type Artifact]	Icon.
Id [type DownloadPackageReference]	Package ID.
Id [type UnknownIdError]	ID.
IncidentId [type UnexpectedError]	Incident ID.
includeCriticalUdf [element getRecentUploadedFilesRequest]	Include critical Custom Attributes.
IncludeDownloadedFiles [element getDownloadableFilesRequest]	Flag indicating whether all files or only not downloaded files must be included in response. Defaults to "true". When the request is made on behalf of a user, it only includes files this user is entitled to. When the request is made per activation id, it includes files that a particular line item is entitled to.
IncludeDownloadedFiles [element getFilesByDownloadPackagesRequest]	Flag to include downloaded files.
IncludeExternalFiles [element getDownloadableFilesRequest]	Flag indicating whether the external files are downloadable or not.
IncludeExternalFiles [element getFilesByDownloadPackagesRequest]	Flag indicating whether the external files are downloadable or not.
includePkgVersions [element getRecentUploadedFilesRequest]	Include Download Package versions. Indicates that file's Download Package version need to be returned. defaults to false.

Elements

Name	Description
IncludeRelatedProducts [element getDownloadPackageNotificationsRequest]	Flag indicating whether to include packages sharing the same product line in the response.
installCommand [type HelmCommand]	Install command.
InvalidSearchQueryError	An InvalidSearchQueryError is thrown when an Query text is invalid.
ipAddress [element getAllFilesForPackageRequest]	IP Address of the requesting party. In case of a UI client, this is hopefully the UI browser's IP address.
ipAddress [element getDownloadableFilesRequest]	IP Address of the requesting party. In case of a UI client, this is hopefully the UI browser's IP address.
ipAddress [element getFilesByDownloadPackagesRequest]	IP Address of the requesting party. In case of a UI client, this is hopefully the UI browser's IP address.
IPAddress [type FileDownloadLog]	IP address of the downloader.
isCountQuery [element getDownloadPackagesByActivationIdsRequest]	Get the total count for a particular criterion.
isCountQuery [element getFilesByDownloadPackagesRequest]	Get the total count for a particular criterion.
isCurrentVersion [type DownloadPackage]	Flag indicating whether the version is current.
isExpired [type DownloadPackage]	A flag indication whether the Download Package is expired.
IsFileSynced [type DownloadableFile]	An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.
isRestricted [type DownloadPackage]	A flag indication whether the Download Package is restricted or not.
keywords [type ChartVersion]	Keyword.
LastName [type Member]	Last name of the member.
LocaleLanguage [element getDownloadableFilesRequest]	Language of the file description.
LocaleLanguage [element getDownloadedFilesLogRequest]	Locale language of the file description.
LocaleLanguage [element getDownloadPackageNoticeDetailsRequest]	Locale language of the email content
LocaleLanguage [element getDownloadPackageNotificationsRequest]	Locale language of the email subject.
LocaleLanguage [element getDownloadPackagesRequest]	Locale language of the Download Packages names and descriptions.
LocaleLanguage [element getFilesByDownloadPackagesRequest]	Locale language of the file names and descriptions.
LocaleLanguage [element getManufacturerProductLineRequest]	Locale language of the product line names and descriptions.
LocaleLanguage [element getRecentDownloadPackagesRequest]	Locale language of the Download Package names and descriptions.
LocaleLanguage [element getRecentNotificationsRequest]	Locale language of the notification and descriptions.

Elements

Name	Description
LocaleLanguage [element getRecentUploadedFilesRequest]	Locale language of the file description.
LocaleLanguage [element searchDownloadableFilesRequest]	Locale Language of the file description.
LocaleLanguage [element searchDownloadPackagesRequest]	Locale Language of the Download Package description.
loginCommand [type Tag]	Login command.
Maintainers [type ChartVersion]	Maintainers of the chart version
ManufacturerId [type DownloadPackage]	Manufacturer ID of the Download Package.
ManufacturerId [type Manufacturer]	Manufacturer ID of the manufacturer.
ManufacturerName [type Manufacturer]	Manufacturer name.
Manufacturers [type Manufacturers]	An array of manufacturers, each including its respective product lines.
MassDownloadURL [type DownloadableFile]	URL for mass download.
MD5CheckSum [type DownloadableFile]	File's md5 checksum.
MediaAvailable [element getDownloadableFilesResponse]	Media availablility of the downloadable files.
MediaAvailable [element getFilesByDownloadPackagesResponse]	Media availablility of the downloadable files.
Member [type FileDownloadLog]	Member info.
Member [type RequestByUser]	User ID (email).
message [type RegistryServiceError]	Message.
Message [type RequestValidationError]	Message.
name [type Chart]	Chart name.
name [type ChartVersion]	Chart name.
name [type Maintainer]	Maintainer name.
name [type Repository]	Repository name.
name [type Tag]	Tag name.
NetStorageLocation [element getAllFilesForPackageRequest]	Net storage location.
NetStorageLocation [element getDownloadableFilesRequest]	Net storage location.
NetStorageLocation [element getFilesByDownloadPackagesRequest]	Net storage location.
NonDownloadableReason [type DownloadableFile]	If file is not downloadable, the reason.
NotificationEmail [element getDownloadPackageNoticeDetailsResponse]	Notification Email.

Elements

Name	Description
NotificationEmail [element getDownloadPackageNotificationsResponse]	Notification Email.
NotificationEmail [element getRecentNotificationsResponse]	Notification Email.
OrderBy [element getDownloadableFilesRequest]	Sort order of files in the response.
OrderBy [element getDownloadableFilesResponse]	Sort order of files in the response.
OrderBy [element getDownloadPackagesRequest]	Sort order of files in the response.
OrderBy [element getFilesByDownloadPackagesResponse]	Sort order of files in the response.
OrderBy [element getRecentNotificationsRequest]	Result sorting order. When not provided, SENTDATE is used.
OrderBy [element searchDownloadableFilesRequest]	Results sorting order. When value is not provided, results are ordered by relevance to the search string.
OrderBy [element searchDownloadPackagesRequest]	Results sorting order. When value is not provided, results are ordered by relevance to the search string.
OrderCDDownloadCount [type DownloadableFile]	The number of the file's media orders.
OrganizationCountryName [element getDownloadableFilesRequest]	Country name of an organization.
OrganizationCountryName [element getFilesByDownloadPackagesRequest]	Country name of an organization.
OrganizationId [element acceptComplianceAgreementRequest]	Organization ID.
OrganizationId [element acceptEULARequest]	Organization ID.
OrganizationId [element getComplianceAgreementRequest]	lOrganization ID.
OrganizationId [element getDownloadableFilesRequest]	Organization ID.
OrganizationId [element getDownloadedFilesLogRequest]	Organization ID.
OrganizationId [element getDownloadLogRequest]	Organization ID.
OrganizationId [element getDownloadPackageInfoRequest]	Organization ID.
OrganizationId [element getDownloadPackageNoticeDetailsRequest]	Organization ID.
OrganizationId [element getDownloadPackageNotificationsRequest]	Organization ID.

Elements

Name	Description
OrganizationId [element getDownloadPackagesByActivationIdsRequest]	Organization ID.
OrganizationId [element getDownloadPackagesRequest]	An array of one or more organization IDs.
OrganizationId [element getEULARequest]	Organization ID.
OrganizationId [element getFileDownloadsRequest]	Organization ID.
OrganizationId [element getFilesByDownloadPackagesRequest]	Organization ID.
OrganizationId [element getManufacturerProductLineRequest]	An array of organization IDs. If the array of organizations is not provided, all organizations the user is a member of are used
OrganizationId [element getNotDownloadedFilesRequest]	Organization ID.
OrganizationId [element getRecentDownloadPackagesRequest]	Organization ID.
OrganizationId [element getRecentNotificationsRequest]	Organization ID.
OrganizationId [element getRecentUploadedFilesRequest]	Organization ID.
OrganizationId [type Member]	Organization ID.
OrganizationId [type ProductLine]	Optional array of IDs of organizations entitled to this product line.
OrganizationId [type SearchQuery]	Organization ID.
OrganizationReference [element getEntitledOrganizationsRequest]	Organization Reference.
OrganizationReference [element getEntitledOrganizationsResponse]	Organization Reference.
OrganizationRegionName [element getDownloadableFilesRequest]	Region name of an organization.
OrganizationRegionName [element getFilesByDownloadPackagesRequest]	Region name of an organization.
OrgId [type OrganizationReference]	Organization ID. If organization ID is not provided, all entitled organizations are returned.
OrgName [type OrganizationReference]	Organization name.
owner [element getImagesAndChartsResponse]	Owner.
PackageVersion [type UploadedFile]	Package version. PackageVersion is only set if "includePkgVersions" flag was "true" in the request.
page [type RepositoryRequestParam]	Page.
PageNumber [element getDownloadPackagesByActivationIdsRequest]	Pagination attributes.

Elements

Name	Description
PageNumber [element getFilesByDownloadPackagesRequest]	Pagination attributes.
pageSize [type RepositoryRequestParam]	Page size.
PartnerCode [type DownloadPackage]	Tenant code.
ProductChart [element getManufacturerProductLineResponse]	An array of manufacturers, each including its respective product lines.
ProductChart [element getNotDownloadedFilesResponse]	Product chart.
productLine [element getImagesAndChartsResponse]	Product line.
ProductLineDescr [type ProductLine]	Product line description, language dependent (defaults to English if requested language is not present).
ProductLineId [type DownloadPackage]	Product line ID.
ProductLineId [type ProductLine]	Product line ID.
ProductLineName [type ProductLine]	Product line name.
ProductLineReference [element getDownloadPackagesRequest]	Product line reference. When Member property is supplied, either product line id or activation id must be supplied, but not both.
ProductLineReference [type DownloadableFile]	Product line ID.
ProductLines [type Manufacturer]	An array of product lines (see the product line description below).
ProductLines [type ProductLines]	An array of product lines (see the product line description below).
pullCommand [type HelmCommand]	Pull command.
pullCommand [type Tag]	Pull command.
pullCount [type Repository]	Pull count.
pullTime [type Artifact]	Pull time.
pushCommand [type Tag]	Push command.
pushDirectoryCommand [type HelmCommand]	Push directory command.
pushTgzCommand [type HelmCommand]	Push Tags Command.
pushTime [type Artifact]	Push time of the artifact.
pushWithProvenanceCommand [type HelmCommand]	Push with provenance command.
q [type ArtifactRequestParam]	Queue.
q [type RepositoryRequestParam]	Queue.
Query [element searchDownloadableFilesRequest]	See SearchQuery.
Query [element searchDownloadPackagesRequest]	See SearchQuery.

Elements

Name	Description
Query [type SearchQuery]	Search query.
RegistryServiceError	Registry Service Error.
releaseGroup [element getImagesAndChartsResponse]	Release group of the images and charts.
Repositories [element getImagesAndChartsResponse]	Repositories of the images and charts.
repositoryAddCommand [type HelmCommand]	Repository add command.
RepositoryRequestParam [element getImagesAndChartsRequest]	Repository request param.
RequestValidationError	Request validation error.
restrictedDownloadPackage [element getImagesAndChartsResponse]	Restricting access to a Download Package.
RestrictedPackageDistributionError	Restricted package distribution error.
ResultSetSize [element getFileDownloadsRequest]	Number of results in the response (for pagination). ResultSetSize defaults to 1.
ResultSetSize [element getRecentNotificationsRequest]	Number of results in the response (for pagination). ResultSetSize defaults to 1.
ResultSetSize [type SearchQuery]	Number of results in the response (for pagination). ResultSetSize defaults to 1.
score [type Chart]	Chart score.
SearchBy [type DownloadPackageQueryParameters]	Search the Download Package by, • searchKey - The possible search keys are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME. **Note:** The Download Package can be searched using these search keys with Availability as Current. • searchValue
SearchBy [type FilesQueryParameters]	Search the files by, • searchKey - The possible search keys are FILE_DESC and FILE_NAME. **Note:** The files can be searched using these search keys with Availability as Current. • searchValue • Availability - It defaults to Current
SearchDays [element getRecentDownloadPackagesRequest]	Search days. The minimum value is 30 days and maximum value is 180 days. Default of 30 days is used if not provided. If SearchDays is less than 0 RequestValidationError is thrown.

Elements

Name	Description
SearchDays [element getRecentNotificationsRequest]	Search days. The minimum value is 30 days and maximum value is 180 days. Default of 30 days is used if not provided. If SearchDays is less than 0 RequestValidationError is thrown.
SearchDays [element getRecentUploadedFilesRequest]	Search days. The minimum value is 30 days and maximum value is 180 days. Default of 30 days is used if not provided. If SearchDays is less than 0 RequestValidationError is thrown.
searchDownloadableFilesRequest	A searchDownloadableFilesRequest message contains an element of searchDownloadableFiles.
searchDownloadableFilesResponse	A searchDownloadableFilesResponse message contains an element of searchDownloadableFiles.
searchDownloadPackagesRequest	A searchDownloadPackagesRequest message contains an element of searchDownloadPackages.
searchDownloadPackagesResponse	A searchDownloadPackagesResponse message contains an element of searchDownloadPackages.
searchKey [type FilesSearchQueryType]	Search downloads with the following two search keys with availability as current: • FILE_DESC • FILE_NAME
searchKey [type SimpleSearchQueryType]	The search keys to search the Download Pakage are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME. **Note:** The Download Package can be searched using these search keys with Availability as Current.
searchValue [type FilesSearchQueryType]	Pass values in the format of %valueTosearchFor%, %valueTosearchFor, valueTosearchFor%.
searchValue [type SimpleSearchQueryType]	Pass values in the format of %valueTosearchFor%, %valueTosearchFor, valueTosearchFor%
SendDateTime [type NotificationEmail]	Send date and time of the notification email.
SHA256CheckSum [type DownloadableFile]	File's sha256 checksum.
size [type Artifact]	Size of the artifact.
SortBy [element getDownloadPackagesByActivationIdsRequest]	Sort the Download Package by, • SortKey - The possible sort keys are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME. • Ascending
SortBy [element getFilesByDownloadPackagesRequest]	Sort the downloadby, • SortKey - The possible sort keys are FILE_DESC and FILE_NAME. • Ascending

Elements

Name	Description
SortKey [type DownloadPackageSortBy]	The sort keys to sort the Download Package are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME.
SortKey [type FilesSortBy]	The sort keys to sort the downloads are FILE_DESC and FILE_NAME.
StartDateTime [type FileDownloadLog]	The start date and time of file download log.
StartOffset [element getFileDownloadsRequest]	Index of the first result starting with 0 (for pagination). StartOffset defaults to 0.
StartOffset [element getRecentNotificationsRequest]	Index of first result starting with 0 (for pagination). StartOffset defaults to 0.
StartOffset [type SearchQuery]	Index of first result starting with 0 (for pagination). StartOffset defaults to 0.
status [type RegistryServiceError]	Status of registry service error.
StatusCode [type DownloadableFile]	Status codes of the downloadable file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
StatusCode [type DownloadPackage]	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
Subject [type NotificationEmail]	Subject of the notification email.
sysDownloadPackageId [element getImagesAndChartsResponse]	Download Package ID of the system.
SystemEmailId [type EmailReference]	System email ID.

Elements

Name	Description
SystemFileId [type DownloadableFileReference]	System file ID.
SystemId [type DownloadPackageReference]	System ID.
tagCommand [type Tag]	Tag command.
TagDescription [type UserDefinedField]	Custom attribute description.
TagName [type UserDefinedField]	Custom attribute name.
Tags [type Artifact]	Tag.
TextContent [type NotificationEmail]	Text content.
timestamp [type RegistryServiceError]	Timestamp representing the date and time that the registry service error was thrown.
Title [type Member]	Title of the member.
TotalCount [element getDownloadPackagesByActivationIdsResponse]	Total count of the Download Package.
TotalCount [element getFilesByDownloadPackagesResponse]	Total count of the downloads.
TotalMatches [element searchDownloadableFilesResponse]	Total matches count. Number of all matches found in the index. Might be greater than the number of results returned.
TotalMatches [element searchDownloadPackagesResponse]	Total matches count. Number of all matches found in the index. Might be greater than the number of results returned.
TotalResults [element getFileDownloadsResponse]	Total number of downloads (for paginated responses).
type [type Artifact]	Type.
UdfFilters [element getAllFilesForPackageRequest]	Custom attribute filters to apply to returned files.
UdfFilters [element getDownloadableFilesRequest]	Custom attribute filters to apply to returned files: • Custom Attribute Name • Content - The values must contain "TagName" and "Value" in every "Content" element.
UnexpectedError	Unexpected error.
UnknownActivationIdError	Unknown Activation ID Error.
UnknownDownloadLogError	Log error for a unknown download.
UnknownDownloadPackageError	UnknownDownloadPackageError is thrown when the Download Package is not found in the database or restricted.
UnknownEmailError	A UnknownEmailError is thrown when the for the Email id passed in the request is not found.
UnknownFileError	This operation requires input of System File ID; It is returned in the response of the preceding "getDownloadedFilesLog" call. If the file is not found in the database, UnknownFileError is thrown.

Elements

Name	Description
UnknownOrganizationError	For the Organization passed in the request, check that it matches the Member parameter. If it does not match, a UnknownOrganizationError is thrown.
UnknownPrincipalError	Unknown principal error.
UnknownProductLineError	A UnknownProductLineError is thrown when a product line is not found in the database.
updateTime [type Repository]	Update time.
UploadedFile [element getRecentUploadedFilesResponse]	Uploaded files within the specified number of days. The number of days is a configurable value. The minimum value is 30 days and maximum value is 180 days.
urls [type ChartVersion]	URLs.
UserDefinedFields [type DownloadableFile]	Custom attributes array.
Value [type UdfValue]	Custom value. The values must contain "TagName" and "Value" in every "Content" element.
version [element getImagesAndChartsResponse]	Package version.
version [type ChartVersion]	Chart version.
Version [type DownloadPackage]	Version of the Download Package.
VersionNumber [type DownloadPackageVersion]	The version number of a Download Package.
VersionType [element getDownloadPackageInfoRequest]	Download package version type. The possible values are: • Current - default version type. • Archive • All
VersionType [element getDownloadPackagesRequest]	Download package version type. The possible values are: • Current - default version type. • Archive • All
withTag [type ArtifactRequestParam]	With tag.

Element: acceptComplianceAgreementRequest

Description

An acceptComplianceAgreementRequest message contains an element of acceptComplianceAgreement.

Derived By

Extending RequestByUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
DownloadPackageReference	DownloadPackageReference	1..1	The identifiers for a Download Package.
OrganizationId	string	1..1	Organization ID.

Referenced By

Name	Type
acceptComplianceAgreement	Method

XML Example

The following XML fragment illustrates a successful acceptComplianceAgreementRequest message:

```
<esd:acceptComplianceAgreementRequest> <esd:Member>member@someorg.org</esd:Member>
<esd:DownloadPackageReference> <!--Optional:--> <esd:Id>DP_05121501</esd:Id>
</esd:DownloadPackageReference> <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
</esd:acceptComplianceAgreementRequest>
```

Element: acceptComplianceAgreementResponse

Description

An acceptComplianceAgreementResponse message contains an element of checkDownloadPackages.

Derived By

Type anyType

Element: acceptEULARequest

Description

An acceptEULARequest message contains an element of acceptEULA.

Derived By

Extending RequestByUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
DownloadPackageReference	DownloadPackageReference	1..1	The identifiers for a Download Package.
OrganizationId	string	1..1	Organization ID.

Referenced By

Name	Type
acceptEULA	Method

Element: acceptEULAResponse

Derived By

Type anyType

Element: ActivationId [element checkDownloadPackagesRequest]

Description

Activation ID.

Derived By

Type string

Referenced By

Name	Type
checkDownloadPackagesRequest	Element

Definition

See checkDownloadPackagesRequest

Element: ActivationId [element checkDownloadPackagesResponse]

Description

Activation ID.

Derived By

Type string

Referenced By

Name	Type
checkDownloadPackagesResponse	Element

Definition

See checkDownloadPackagesResponse

Element: ActivationId [element getDownloadPackageNameRequest]

Description

Activation ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadPackageNameRequest	Element

Definition

See getDownloadPackageNameRequest

Element: ActivationId [element getDownloadPackagesByActivationIdsRequest]

Description

Activation ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadPackagesByActivationIdsRequest	Element

Definition

See getDownloadPackagesByActivationIdsRequest

Element: ActivationId [type RequestByPrincipal]

Description

Activation ID.

Derived By

Type string

Referenced By

Name	Type
RequestByPrincipal	Complex Type
getAllFilesForPackageRequest	Element
getDownloadableFilesRequest	Element
getDownloadedFilesLogRequest	Element
getDownloadLogRequest	Element
getDownloadPackageNoticeDetailsRequest	Element
getDownloadPackageNotificationsRequest	Element
getDownloadPackagesRequest	Element
getEntitledOrganizationsRequest	Element
getFileDownloadsRequest	Element
getManufacturerProductLineRequest	Element
getNotDownloadedFilesRequest	Element
getRecentDownloadPackagesRequest	Element
getRecentNotificationsRequest	Element
getRecentUploadedFilesRequest	Element
searchDownloadableFilesRequest	Element
searchDownloadPackagesRequest	Element

Definition

See RequestByPrincipal

Element: AdvancedDownloadProperties [type DownloadableFile]

Description

The advanced download properties for the downloadable file.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: Agreement [element getComplianceAgreementResponse]

Description

Compliance Agreement.

Derived By

Type string

Referenced By

Name	Type
getComplianceAgreementResponse	Element

Definition

See getComplianceAgreementResponse

Element: apiVersion [type ChartVersion]

Description

API version.

Derived By

Type string

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: archiveDateTimestamp [element getImagesAndChartsResponse]

Description

Archive date.

Derived By

Type string

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: ArchivedDownloadPackage [element getDownloadPackagesByActivationIdsResponse]

Description

Archived Download Package.

Derived By

Type DownloadPackage

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.
ProductLineId	ProductLineReference	0..1	Product line ID.
Description	string	0..1	Description for the Download Package.
EffectiveDate	date	0..1	Effective date of a Download Package.
Version	string	0..1	Version of the Download Package.
isCurrentVersion	boolean	0..1	Flag indicating whether the version is current.
PartnerCode	string	0..1	Tenant code.
ExtendedDescr	string	0..1	Extended description.
DownloadableFileReferences	DownloadableFileReference	0..*	The identifiers for a downloadable file.
DownloadableFileCount	positiveInteger	0..1	Downladable file count.
ManufacturerId	ManufacturerReference	0..1	Manufacturer ID of the Download Package.

Content Model

Component	Type	Occurs	Description
StatusCode	string	0..1	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
isExpired	boolean	0..1	A flag indication whether the Download Package is expired.
isRestricted	boolean	0..1	A flag indication whether the Download Package is restricted or not.
DownloadInstructions	string	0..1	Download instruction for the Download Package.

Referenced By

Name	Type
getDownloadPackagesByActivationIdsResponse	Element

Definition

See getDownloadPackagesByActivationIdsResponse

Element: ArchivedDownloadPackage [element getDownloadPackagesResponse]

Description

Archived Download Package.

Derived By

Type DownloadPackage

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.
ProductLineId	ProductLineReference	0..1	Product line ID.
Description	string	0..1	Description for the Download Package.
EffectiveDate	date	0..1	Effective date of a Download Package.
Version	string	0..1	Version of the Download Package.
isCurrentVersion	boolean	0..1	Flag indicating whether the version is current.
PartnerCode	string	0..1	Tenant code.
ExtendedDescr	string	0..1	Extended description.
DownloadableFileReferences	DownloadableFileReference	0..*	The identifiers for a downloadable file.
DownloadableFileCount	positiveInteger	0..1	Downladable file count.
ManufacturerId	ManufacturerReference	0..1	Manufacturer ID of the Download Package.

Content Model

Component	Type	Occurs	Description
StatusCode	string	0..1	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
isExpired	boolean	0..1	A flag indication whether the Download Package is expired.
isRestricted	boolean	0..1	A flag indication whether the Download Package is restricted or not.
DownloadInstructions	string	0..1	Download instruction for the Download Package.

Referenced By

Name	Type
getDownloadPackagesResponse	Element

Definition

See getDownloadPackagesResponse

Element: artifactCount [type Repository]

Description

Artifact count.

Derived By

Type long

Referenced By

Name	Type
Repository	Complex Type

Definition

See Repository

Element: ArtifactRequestParam [element getImagesAndChartsRequest]

Description

Artifact request param.

Derived By

Type ArtifactRequestParam

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
q	string	0..1	Queue.
withTag	boolean	0..1	With tag.

Referenced By

Name	Type
getImagesAndChartsRequest	Element

Definition

See getImagesAndChartsRequest

Element: Artifacts [type Repository]

Description

An artifact pushed to a registry for a Download Package that supports Software Container Delivery. Possible artifacts are Docker images and Helm charts.

Derived By

Type Artifact

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
size	long	0..1	Size of the artifact.
pushTime	string	0..1	Push time of the artifact.
pullTime	string	0..1	Pull time.
type	string	0..1	Type.
digest	string	0..1	Artifact digest.
icon	string	0..1	Icon.
Tags	Tag	1..*	Tag.

Referenced By

Name	Type
Repository	Complex Type

Definition

See Repository

Element: Ascending [element getDownloadableFilesRequest]

Description

Flag indicating whether files in the request are sorted in ascending order.

Derived By

Type boolean

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: Ascending [element getDownloadableFilesResponse]

Description

Flag indicating whether files in the response are sorted in ascending order.

Derived By

Type boolean

Referenced By

Name	Type
getDownloadableFilesResponse	Element

Definition

See getDownloadableFilesResponse

Element: Ascending [element getFilesByDownloadPackagesResponse]

Description

Flag indicating whether files in the response are sorted in ascending order.

Derived By

Type boolean

Referenced By

Name	Type
getFilesByDownloadPackagesResponse	Element

Definition

See getFilesByDownloadPackagesResponse

Element: Ascending [type DownloadPackageSortBy]

Description

Flag indicating whether files in the Download Package are sorted in ascending order.

Derived By

Type boolean

Referenced By

Name	Type
DownloadPackageSortBy	Complex Type

Definition

See DownloadPackageSortBy

Element: Ascending [type FilesSortBy]

Description

Flag indicating whether files are sorted in ascending order.

Derived By

Type boolean

Referenced By

Name	Type
FilesSortBy	Complex Type

Definition

See FilesSortBy

Element: AuthenticationProblem

Description

A problem occurring when authenticating an API call.

Derived By

Type AuthenticationProblem

Referenced By

Name	Type
acceptComplianceAgreement	Method
acceptEULA	Method
checkDownloadPackages	Method
getAllFilesForPackage	Method
getComplianceAgreement	Method
getContent	Method
getDownloadableFiles	Method
getDownloadedFilesLog	Method
getDownloadLog	Method
getDownloadPackageByDownloadPackageId	Method
getDownloadPackageNameByActivationId	Method
getDownloadPackageNoticeDetails	Method
getDownloadPackageNotifications	Method
getDownloadPackages	Method
getDownloadPackagesByActivationIds	Method
getEntitledOrganizations	Method
getEULA	Method
getFileDownloads	Method
getFilesByDownloadPackages	Method
getImagesAndCharts	Method
getManufacturerProductLine	Method
getNotDownloadedFiles	Method
getRecentDownloadPackages	Method
getRecentNotifications	Method
getRecentUploadedFiles	Method
searchDownloadableFiles	Method
searchDownloadPackages	Method

Element: Availability [type DownloadPackageQueryParameters]

Description

Availability (defaults to Current).

Derived By

Type AvailabilityType

Enumeration

Value	Description
CURRENT	Availability (defaults to Current).

Referenced By

Name	Type
DownloadPackageQueryParameters	Complex Type

Definition

See DownloadPackageQueryParameters

Element: BatchSize [element getDownloadPackagesByActivationIdsRequest]

Description

Batch Size.

Derived By

Type integer

Referenced By

Name	Type
getDownloadPackagesByActivationIdsRequest	Element

Definition

See getDownloadPackagesByActivationIdsRequest

Element: BatchSize [element getFilesByDownloadPackagesRequest]

Description

Batch Size.

Derived By

Type integer

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: CDRequestLink [type DownloadableFile]

Description

URL for media requests.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: Charts [element getImagesAndChartsResponse]

Description

Charts.

Derived By

Type Chart

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	0..1	Chart name.
score	integer	0..1	Chart score.
chartVersion	ChartVersion	0..1	Chart version.

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: chartVersion [type Chart]

Description

Chart version.

Derived By

Type ChartVersion

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
digest	string	0..1	Chart version digest.
urls	string	0..*	URLs.
created	string	0..1	The date the Helm chart was created.
name	string	0..1	Chart name.
home	string	0..1	Home.
version	string	0..1	Chart version.
description	string	0..1	Chart version description.
keywords	string	0..*	Keyword.
apiVersion	string	0..1	API version.
Maintainers	Maintainer	1..*	Maintainers of the chart version
helmCommand	HelmCommand	0..1	The command used to pull the Helm chart.

Referenced By

Name	Type
Chart	Complex Type

Definition

See Chart

Element: checkDownloadPackagesRequest

Description

A checkDownloadPackagesRequest message contains an element of checkDownloadPackages.

Derived By

Extending RequestByUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
ActivationId	string	1..*	Activation ID.

Referenced By

Name	Type
checkDownloadPackages	Method

XML Example

The following XML fragment illustrates an checkDownloadPackagesRequest message:

```
<esd:checkDownloadPackagesRequest>
  <!--1 or more repetitions:-->
  <esd:ActivationId>AS-4700-06C4-025d-e41</esd:ActivationId>
  <esd:ActivationId>ACT-2dc7-cfA3-915d-e41</esd:ActivationId>
  <esd:ActivationId>ACT-e316-1fF6-915d-e41</esd:ActivationId>
</esd:checkDownloadPackagesRequest>
```

Element: checkDownloadPackagesResponse

Description

A checkDownloadPackagesResponse message contains an element of checkDownloadPackages.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ActivationId	string	1..*	Activation ID.
HasDownloadablePackages	boolean	1..*	An array of flags indicating whether corresponding activation IDs have downloadable packages or not. The array corresponds in size and order to the activation ids array, so each flag indicates whether the activation ID in the same position has Download Packages or not.

Referenced By

Name	Type
checkDownloadPackages	Method

XML Example

The following XML fragment illustrates an checkDownloadPackagesResponse message:

```
<ns2:checkDownloadPackagesResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:ActivationId>AS-4700-06C4-025d-e41</ns2:ActivationId>
  <ns2:ActivationId>ACT-2dc7-cfA3-915d-e41</ns2:ActivationId>
  <ns2:ActivationId>ACT-e316-1fF6-915d-e41</ns2:ActivationId>
  <ns2:HasDownloadablePackages>false</ns2:HasDownloadablePackages>
  <ns2:HasDownloadablePackages>true</ns2:HasDownloadablePackages>
  <ns2:HasDownloadablePackages>false</ns2:HasDownloadablePackages>
</ns2:checkDownloadPackagesResponse>
```

Element: Code [type UnexpectedError]

Description

Code.

Derived By

Type string

Referenced By

Name	Type
UnexpectedError	Complex Type

Definition

See UnexpectedError

Element: CompletedDownloadCount [type DownloadableFile]

Description

The number of the completed downloads.

Derived By

Type int

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: ComplianceAgreementIsNotAcceptedError

Description

Derived By

Type ComplianceAgreementIsNotAcceptedError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackage	DownloadPackageReference	1..1	The identifiers for a Download Package.

Referenced By

Name	Type
getDownloadableFiles	Method
getFilesByDownloadPackages	Method

Element: CompressedSize [type DownloadableFile]

Description

Compressed size.

Derived By

Type positiveInteger

Restrictions

- The value must be greater than or equal to 1.

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: Content [element getContentResponse]

Description

HTML Content.

Derived By

Type string

Referenced By

Name	Type
getContentResponse	Element

Definition

See getContentResponse

Element: Content [type UserDefinedField]

Description

Custom attribute value.

Derived By

Type UdfValue

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Description	string	1..1	UDF value description.
Value	string	0..1	Custom value. The values must contain "TagName" and "Value" in every "Content" element.

Referenced By

Name	Type
UserDefinedField	Complex Type

Definition

See UserDefinedField

Element: contentId [element getContentRequest]

Description

content ID.

Derived By

Type string

Referenced By

Name	Type
getContentRequest	Element

Definition

See getContentRequest

Element: created [type ChartVersion]

Description

The date the Helm chart was created.

Derived By

Type string

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: creationTime [type Repository]

Description

Creation time.

Derived By

Type string

Referenced By

Name	Type
Repository	Complex Type

Definition

See Repository

Element: Critical [type UploadedFile]

Description

Flag indicating if it's critical.

Derived By

Type boolean

Referenced By

Name	Type
UploadedFile	Complex Type

Definition

See UploadedFile

Element: CriticalUdfName [element getRecentUploadedFilesResponse]

Description

Critical Custom Attribute name.

Note:

When request's "includeCriticalUdf" flag is "true" and "ViewRecentUploadFiles.UDF.Critical" property is set for the partner, the value of this property is returned.

Derived By

Type string

Referenced By

Name	Type
getRecentUploadedFilesResponse	Element

Definition

See getRecentUploadedFilesResponse

Element: CurrentDownloadPackage [element getDownloadPackagesByActivationIdsResponse]

Description

Current Download Packages.

Derived By

Type DownloadPackage

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.
ProductLineId	ProductLineReference	0..1	Product line ID.
Description	string	0..1	Description for the Download Package.
EffectiveDate	date	0..1	Effective date of a Download Package.
Version	string	0..1	Version of the Download Package.
isCurrentVersion	boolean	0..1	Flag indicating whether the version is current.
PartnerCode	string	0..1	Tenant code.
ExtendedDescr	string	0..1	Extended description.
DownloadableFileReferences	DownloadableFileReference	0..*	The identifiers for a downloadable file.
DownloadableFileCount	positiveInteger	0..1	Downladable file count.
ManufacturerId	ManufacturerReference	0..1	Manufacturer ID of the Download Package.

Content Model

Component	Type	Occurs	Description
StatusCode	string	0..1	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
isExpired	boolean	0..1	A flag indication whether the Download Package is expired.
isRestricted	boolean	0..1	A flag indication whether the Download Package is restricted or not.
DownloadInstructions	string	0..1	Download instruction for the Download Package.

Referenced By

Name	Type
getDownloadPackagesByActivationIdsResponse	Element

Definition

See getDownloadPackagesByActivationIdsResponse

Element: CurrentDownloadPackage [element getDownloadPackagesResponse]

Description

Current Download Packages.

Derived By

Type DownloadPackage

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.
ProductLineId	ProductLineReference	0..1	Product line ID.
Description	string	0..1	Description for the Download Package.
EffectiveDate	date	0..1	Effective date of a Download Package.
Version	string	0..1	Version of the Download Package.
isCurrentVersion	boolean	0..1	Flag indicating whether the version is current.
PartnerCode	string	0..1	Tenant code.
ExtendedDescr	string	0..1	Extended description.
DownloadableFileReferences	DownloadableFileReference	0..*	The identifiers for a downloadable file.
DownloadableFileCount	positiveInteger	0..1	Downladable file count.
ManufacturerId	ManufacturerReference	0..1	Manufacturer ID of the Download Package.

Content Model

Component	Type	Occurs	Description
StatusCode	string	0..1	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
isExpired	boolean	0..1	A flag indication whether the Download Package is expired.
isRestricted	boolean	0..1	A flag indication whether the Download Package is restricted or not.
DownloadInstructions	string	0..1	Download instruction for the Download Package.

Referenced By

Name	Type
getDownloadPackagesResponse	Element

Definition

See getDownloadPackagesResponse

Element: debugMsg [type RegistryServiceError]

Description

Debug message.

Derived By

Type string

Referenced By

Name	Type
RegistryServiceError	Complex Type

Definition

See RegistryServiceError

Element: description [type ChartVersion]

Description

Chart version description.

Derived By

Type string

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: Description [type DownloadableFile]

Description

Description for the Downloadable file.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: Description [type DownloadPackage]

Description

Description for the Download Package.

Derived By

Type string

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: description [type Repository]

Description

Description for the repository.

Derived By

Type string

Referenced By

Name	Type
Repository	Complex Type

Definition

See Repository

Element: Description [type UdfValue]

Description

UDF value description.

Derived By

Type string

Referenced By

Name	Type
UdfValue	Complex Type

Definition

See UdfValue

Element: details [type RegistryServiceError]

Description

Registery service error details.

Derived By

Type string

Referenced By

Name	Type
RegistryServiceError	Complex Type

Definition

See RegistryServiceError

Element: digest [type Artifact]

Description

Artifact digest.

Derived By

Type string

Referenced By

Name	Type
Artifact	Complex Type

Definition

See Artifact

Element: digest [type ChartVersion]

Description

Chart version digest.

Derived By

Type string

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: DocumentName [element getContentResponse]

Description

HTML Content name.

Derived By

Type string

Referenced By

Name	Type
getContentResponse	Element

Definition

See getContentResponse

Element: DownloadableFile [element getDownloadLogResponse]

Description

Downloadable file.

Derived By

Type DownloadableFile

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.
FileName	string	1..1	File Name.
Description	string	1..1	Description for the Downloadable file.
HasDownloadsRemaining	boolean	0..1	An array of flags indicating whether corresponding activation IDs have downloadable packages or not.
HasCompressedContent	boolean	0..1	An array of flags indicating whether the files are compressed or not.
IsFileSynced	boolean	0..1	An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.
StatusCode	FileStatusCode	0..1	Status codes of the downloadable file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
CompressedSize	positiveInteger	0..1	Compressed size.

Content Model

Component	Type	Occurs	Description
ExtendedDescription	string	0..1	Extended description.
MassDownloadURL	string	0..1	URL for mass download.
DownloadURL	string	0..1	Download URL of a downloadable file.
ExternalURL	string	0..1	If the External delivery source is selected, the URL where the file is located.
ExecuteUponDownload	boolean	0..1	Flag indicating whether to execute the file upon download.
AdvancedDownloadProperties	string	0..1	The advanced download properties for the downloadable file.
DownloadMethod	FileDownloadMethod	1..1	File download method for a downloadable file.
NonDownloadableReason	NonDownloadableReason	0..1	If file is not downloadable, the reason.
CDRequestLink	string	0..1	URL for media requests.
ProductLineReference	ProductLineReference	0..1	Product line ID.
DownloadPackageReference	DownloadPackageReference	0..1	The identifiers for a Download Package.
MD5CheckSum	string	0..1	File's md5 checksum.
SHA256CheckSum	string	0..1	File's sha256 checksum.
UserDefinedFields	UserDefinedField	0..*	Custom attributes array.
DownloadImageUpdateDate	date	0..1	The date of the last file change.
CompletedDownloadCount	int	0..1	The number of the completed downloads.
OrderCDDownloadCount	int	0..1	The number of the file's media orders.

Referenced By

Name	Type
getDownloadLogResponse	Element

Definition

See getDownloadLogResponse

Element: DownloadableFile [element getFileDownloadsResponse]

Description

Downloadable file.

Derived By

Type DownloadableFile

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.
FileName	string	1..1	File Name.
Description	string	1..1	Description for the Downloadable file.
HasDownloadsRemaining	boolean	0..1	An array of flags indicating whether corresponding activation IDs have downloadable packages or not.
HasCompressedContent	boolean	0..1	An array of flags indicating whether the files are compressed or not.
IsFileSynced	boolean	0..1	An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.
StatusCode	FileStatusCode	0..1	Status codes of the downloadable file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
CompressedSize	positiveInteger	0..1	Compressed size.

Content Model

Component	Type	Occurs	Description
ExtendedDescription	string	0..1	Extended description.
MassDownloadURL	string	0..1	URL for mass download.
DownloadURL	string	0..1	Download URL of a downloadable file.
ExternalURL	string	0..1	If the External delivery source is selected, the URL where the file is located.
ExecuteUponDownload	boolean	0..1	Flag indicating whether to execute the file upon download.
AdvancedDownloadProperties	string	0..1	The advanced download properties for the downloadable file.
DownloadMethod	FileDownloadMethod	1..1	File download method for a downloadable file.
NonDownloadableReason	NonDownloadableReason	0..1	If file is not downloadable, the reason.
CDRequestLink	string	0..1	URL for media requests.
ProductLineReference	ProductLineReference	0..1	Product line ID.
DownloadPackageReference	DownloadPackageReference	0..1	The identifiers for a Download Package.
MD5CheckSum	string	0..1	File's md5 checksum.
SHA256CheckSum	string	0..1	File's sha256 checksum.
UserDefinedFields	UserDefinedField	0..*	Custom attributes array.
DownloadImageUpdateDate	date	0..1	The date of the last file change.
CompletedDownloadCount	int	0..1	The number of the completed downloads.
OrderCDDownloadCount	int	0..1	The number of the file's media orders.

Referenced By

Name	Type
getFileDownloadsResponse	Element

Definition

See getFileDownloadsResponse

Element: DownloadableFileCount [type DownloadPackage]

Description

Downladable file count.

Derived By

Type positiveInteger

Restrictions

- The value must be greater than or equal to 1.

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: DownloadableFileList [element getAllFilesForPackageResponse]

Description

List of downloadable files.

Derived By

Type DownloadableFile

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.
FileName	string	1..1	File Name.
Description	string	1..1	Description for the Downloadable file.
HasDownloadsRemaining	boolean	0..1	An array of flags indicating whether corresponding activation IDs have downloadable packages or not.
HasCompressedContent	boolean	0..1	An array of flags indicating whether the files are compressed or not.
IsFileSynced	boolean	0..1	An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.
StatusCode	FileStatusCode	0..1	Status codes of the downloadable file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
CompressedSize	positiveInteger	0..1	Compressed size.

Content Model

Component	Type	Occurs	Description
ExtendedDescription	string	0..1	Extended description.
MassDownloadURL	string	0..1	URL for mass download.
DownloadURL	string	0..1	Download URL of a downloadable file.
ExternalURL	string	0..1	If the External delivery source is selected, the URL where the file is located.
ExecuteUponDownload	boolean	0..1	Flag indicating whether to execute the file upon download.
AdvancedDownloadProperties	string	0..1	The advanced download properties for the downloadable file.
DownloadMethod	FileDownloadMethod	1..1	File download method for a downloadable file.
NonDownloadableReason	NonDownloadableReason	0..1	If file is not downloadable, the reason.
CDRequestLink	string	0..1	URL for media requests.
ProductLineReference	ProductLineReference	0..1	Product line ID.
DownloadPackageReference	DownloadPackageReference	0..1	The identifiers for a Download Package.
MD5CheckSum	string	0..1	File's md5 checksum.
SHA256CheckSum	string	0..1	File's sha256 checksum.
UserDefinedFields	UserDefinedField	0..*	Custom attributes array.
DownloadImageUpdateDate	date	0..1	The date of the last file change.
CompletedDownloadCount	int	0..1	The number of the completed downloads.
OrderCDDownloadCount	int	0..1	The number of the file's media orders.

Referenced By

Name	Type
getAllFilesForPackageResponse	Element

Definition

See getAllFilesForPackageResponse

Element: DownloadableFileList [element getDownloadableFilesResponse]

Description

List of downloadable files.

Derived By

Type DownloadableFile

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.
FileName	string	1..1	File Name.
Description	string	1..1	Description for the Downloadable file.
HasDownloadsRemaining	boolean	0..1	An array of flags indicating whether corresponding activation IDs have downloadable packages or not.
HasCompressedContent	boolean	0..1	An array of flags indicating whether the files are compressed or not.
IsFileSynced	boolean	0..1	An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.
StatusCode	FileStatusCode	0..1	Status codes of the downloadable file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
CompressedSize	positiveInteger	0..1	Compressed size.

Content Model

Component	Type	Occurs	Description
ExtendedDescription	string	0..1	Extended description.
MassDownloadURL	string	0..1	URL for mass download.
DownloadURL	string	0..1	Download URL of a downloadable file.
ExternalURL	string	0..1	If the External delivery source is selected, the URL where the file is located.
ExecuteUponDownload	boolean	0..1	Flag indicating whether to execute the file upon download.
AdvancedDownloadProperties	string	0..1	The advanced download properties for the downloadable file.
DownloadMethod	FileDownloadMethod	1..1	File download method for a downloadable file.
NonDownloadableReason	NonDownloadableReason	0..1	If file is not downloadable, the reason.
CDRequestLink	string	0..1	URL for media requests.
ProductLineReference	ProductLineReference	0..1	Product line ID.
DownloadPackageReference	DownloadPackageReference	0..1	The identifiers for a Download Package.
MD5CheckSum	string	0..1	File's md5 checksum.
SHA256CheckSum	string	0..1	File's sha256 checksum.
UserDefinedFields	UserDefinedField	0..*	Custom attributes array.
DownloadImageUpdateDate	date	0..1	The date of the last file change.
CompletedDownloadCount	int	0..1	The number of the completed downloads.
OrderCDDownloadCount	int	0..1	The number of the file's media orders.

Referenced By

Name	Type
getDownloadableFilesResponse	Element

Definition

See getDownloadableFilesResponse

Element: DownloadableFileList [element getFilesByDownloadPackagesResponse]

Description

List of downloadable files.

Derived By

Type DownloadableFile

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.
FileName	string	1..1	File Name.
Description	string	1..1	Description for the Downloadable file.
HasDownloadsRemaining	boolean	0..1	An array of flags indicating whether corresponding activation IDs have downloadable packages or not.
HasCompressedContent	boolean	0..1	An array of flags indicating whether the files are compressed or not.
IsFileSynced	boolean	0..1	An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.
StatusCode	FileStatusCode	0..1	Status codes of the downloadable file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
CompressedSize	positiveInteger	0..1	Compressed size.

Content Model

Component	Type	Occurs	Description
ExtendedDescription	string	0..1	Extended description.
MassDownloadURL	string	0..1	URL for mass download.
DownloadURL	string	0..1	Download URL of a downloadable file.
ExternalURL	string	0..1	If the External delivery source is selected, the URL where the file is located.
ExecuteUponDownload	boolean	0..1	Flag indicating whether to execute the file upon download.
AdvancedDownloadProperties	string	0..1	The advanced download properties for the downloadable file.
DownloadMethod	FileDownloadMethod	1..1	File download method for a downloadable file.
NonDownloadableReason	NonDownloadableReason	0..1	If file is not downloadable, the reason.
CDRequestLink	string	0..1	URL for media requests.
ProductLineReference	ProductLineReference	0..1	Product line ID.
DownloadPackageReference	DownloadPackageReference	0..1	The identifiers for a Download Package.
MD5CheckSum	string	0..1	File's md5 checksum.
SHA256CheckSum	string	0..1	File's sha256 checksum.
UserDefinedFields	UserDefinedField	0..*	Custom attributes array.
DownloadImageUpdateDate	date	0..1	The date of the last file change.
CompletedDownloadCount	int	0..1	The number of the completed downloads.
OrderCDDownloadCount	int	0..1	The number of the file's media orders.

Referenced By

Name	Type
getFilesByDownloadPackagesResponse	Element

Definition

See getFilesByDownloadPackagesResponse

Element: DownloadableFileReferences [type DownloadPackage]

Description

The identifiers for a downloadable file.

Derived By

Type DownloadableFileReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: DownloadImageUpdateDate [type DownloadableFile]

Description

The date of the last file change.

Derived By

Type date

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: DownloadInstructions [type DownloadPackage]

Description

Download instruction for the Download Package.

Derived By

Type string

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: DownloadMethod [type DownloadableFile]

Description

File download method for a downloadable file.

Derived By

Type FileDownloadMethod

Enumeration

Value	Description
HTTP	HTTP
FTP	FTP
Akamai	Akamai
FlexeraDLM	FlexeraDLM
AkamaiDLM	AkamaiDLM
AkamaiDLM3	AkamaiDLM3
Aspera	Aspera

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: DownloadMethod [type FileDownloadLog]

Description

File download method for a file download log.

Derived By

Type FileDownloadMethod

Enumeration

Value	Description
HTTP	HTTP
FTP	FTP
Akamai	Akamai
FlexeraDLM	FlexeraDLM
AkamaiDLM	AkamaiDLM
AkamaiDLM3	AkamaiDLM3
Aspera	Aspera

Referenced By

Name	Type
FileDownloadLog	Complex Type

Definition

See FileDownloadLog

Element: DownloadPackage [element getDownloadableFilesResponse]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackage

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.
ProductLineId	ProductLineReference	0..1	Product line ID.
Description	string	0..1	Description for the Download Package.
EffectiveDate	date	0..1	Effective date of a Download Package.
Version	string	0..1	Version of the Download Package.
isCurrentVersion	boolean	0..1	Flag indicating whether the version is current.
PartnerCode	string	0..1	Tenant code.
ExtendedDescr	string	0..1	Extended description.
DownloadableFileReferences	DownloadableFileReference	0..*	The identifiers for a downloadable file.
DownloadableFileCount	positiveInteger	0..1	Downladable file count.
ManufacturerId	ManufacturerReference	0..1	Manufacturer ID of the Download Package.

Content Model

Component	Type	Occurs	Description
StatusCode	string	0..1	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
isExpired	boolean	0..1	A flag indication whether the Download Package is expired.
isRestricted	boolean	0..1	A flag indication whether the Download Package is restricted or not.
DownloadInstructions	string	0..1	Download instruction for the Download Package.

Referenced By

Name	Type
getDownloadableFilesResponse	Element

Definition

See getDownloadableFilesResponse

Element: DownloadPackage [element getFilesByDownloadPackagesResponse]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackage

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.
ProductLineId	ProductLineReference	0..1	Product line ID.
Description	string	0..1	Description for the Download Package.
EffectiveDate	date	0..1	Effective date of a Download Package.
Version	string	0..1	Version of the Download Package.
isCurrentVersion	boolean	0..1	Flag indicating whether the version is current.
PartnerCode	string	0..1	Tenant code.
ExtendedDescr	string	0..1	Extended description.
DownloadableFileReferences	DownloadableFileReference	0..*	The identifiers for a downloadable file.
DownloadableFileCount	positiveInteger	0..1	Downladable file count.
ManufacturerId	ManufacturerReference	0..1	Manufacturer ID of the Download Package.

Content Model

Component	Type	Occurs	Description
StatusCode	string	0..1	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
isExpired	boolean	0..1	A flag indication whether the Download Package is expired.
isRestricted	boolean	0..1	A flag indication whether the Download Package is restricted or not.
DownloadInstructions	string	0..1	Download instruction for the Download Package.

Referenced By

Name	Type
getFilesByDownloadPackagesResponse	Element

Definition

See getFilesByDownloadPackagesResponse

Element: DownloadPackage [element getRecentDownloadPackagesResponse]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackage

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.
ProductLineId	ProductLineReference	0..1	Product line ID.
Description	string	0..1	Description for the Download Package.
EffectiveDate	date	0..1	Effective date of a Download Package.
Version	string	0..1	Version of the Download Package.
isCurrentVersion	boolean	0..1	Flag indicating whether the version is current.
PartnerCode	string	0..1	Tenant code.
ExtendedDescr	string	0..1	Extended description.
DownloadableFileReferences	DownloadableFileReference	0..*	The identifiers for a downloadable file.
DownloadableFileCount	positiveInteger	0..1	Downladable file count.
ManufacturerId	ManufacturerReference	0..1	Manufacturer ID of the Download Package.

Content Model

Component	Type	Occurs	Description
StatusCode	string	0..1	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
isExpired	boolean	0..1	A flag indication whether the Download Package is expired.
isRestricted	boolean	0..1	A flag indication whether the Download Package is restricted or not.
DownloadInstructions	string	0..1	Download instruction for the Download Package.

Referenced By

Name	Type
getRecentDownloadPackagesResponse	Element

Definition

See getRecentDownloadPackagesResponse

Element: DownloadPackage [element searchDownloadPackagesResponse]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackage

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.
ProductLineId	ProductLineReference	0..1	Product line ID.
Description	string	0..1	Description for the Download Package.
EffectiveDate	date	0..1	Effective date of a Download Package.
Version	string	0..1	Version of the Download Package.
isCurrentVersion	boolean	0..1	Flag indicating whether the version is current.
PartnerCode	string	0..1	Tenant code.
ExtendedDescr	string	0..1	Extended description.
DownloadableFileReferences	DownloadableFileReference	0..*	The identifiers for a downloadable file.
DownloadableFileCount	positiveInteger	0..1	Downladable file count.
ManufacturerId	ManufacturerReference	0..1	Manufacturer ID of the Download Package.

Content Model

Component	Type	Occurs	Description
StatusCode	string	0..1	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
isExpired	boolean	0..1	A flag indication whether the Download Package is expired.
isRestricted	boolean	0..1	A flag indication whether the Download Package is restricted or not.
DownloadInstructions	string	0..1	Download instruction for the Download Package.

Referenced By

Name	Type
searchDownloadPackagesResponse	Element

Definition

See searchDownloadPackagesResponse

Element: DownloadPackage [type ComplianceAgreementIsNotAcceptedError]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
ComplianceAgreementIsNotAcceptedError	Complex Type

Definition

See ComplianceAgreementIsNotAcceptedError

Element: DownloadPackage [type EULAIsNotAcceptedError]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
EULAIsNotAcceptedError	Complex Type

Definition

See EULAIsNotAcceptedError

Element: downloadPackageAvailability [element getImagesAndChartsResponse]

Description

Download package availability.

Derived By

Type boolean

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: DownloadPackageId [element getDownloadPackageInfoRequest]

Description

Download Package ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadPackageInfoRequest	Element

Definition

See getDownloadPackageInfoRequest

Element: DownloadPackageId [element getDownloadPackageNameResponse]

Description

Download Package ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadPackageNameResponse	Element

Definition

See getDownloadPackageNameResponse

Element: downloadPackageId [element getImagesAndChartsRequest]

Description

Download Package ID.

Derived By

Type string

Referenced By

Name	Type
getImagesAndChartsRequest	Element

Definition

See getImagesAndChartsRequest

Element: downloadPackageId [element getImagesAndChartsResponse]

Description

Download Package ID.

Derived By

Type string

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: downloadPackageName [element getImagesAndChartsResponse]

Description

Download Package name

Derived By

Type string

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: DownloadPackageQueryParameters [element getDownloadPackagesByActivationIdsRequest]

Description

Download Package query parameters.

Derived By

Type DownloadPackageQueryParameters

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SearchBy	SimpleSearchQueryType	0..1	Search the Download Package by, • searchKey - The possible search keys are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME. **Note:** The Download Package can be searched using these search keys with Availability as Current. • searchValue
Availability	AvailabilityType	0..1	Availability (defaults to Current).

Referenced By

Name	Type
getDownloadPackagesByActivationIdsRequest	Element

Definition

See getDownloadPackagesByActivationIdsRequest

Element: DownloadPackageReference [element acceptComplianceAgreementRequest]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
acceptComplianceAgreementRequest	Element

Definition

See acceptComplianceAgreementRequest

Element: DownloadPackageReference [element acceptEULARequest]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
acceptEULARequest	Element

Definition

See acceptEULARequest

Element: DownloadPackageReference [element getAllFilesForPackageRequest]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
getAllFilesForPackageRequest	Element

Definition

See getAllFilesForPackageRequest

Element: DownloadPackageReference [element getComplianceAgreementRequest]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
getComplianceAgreementRequest	Element

Definition

See getComplianceAgreementRequest

Element: DownloadPackageReference [element getDownloadableFilesRequest]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: DownloadPackageReference [element getDownloadedFilesLogRequest]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
getDownloadedFilesLogRequest	Element

Definition

See getDownloadedFilesLogRequest

Element: DownloadPackageReference [element getDownloadPackageNotificationsRequest]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
getDownloadPackageNotificationsRequest	Element

Definition

See getDownloadPackageNotificationsRequest

Element: DownloadPackageReference [element getEULARequest]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
getEULARequest	Element

Definition

See getEULARequest

Element: DownloadPackageReference [element getFilesByDownloadPackagesRequest]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: DownloadPackageReference [type DownloadableFile]

Description

The identifiers for a Download Package.

Derived By

Type DownloadPackageReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: DownloadPackages [type DownloadPackageVersion]

Description

The identifiers for Download Packages.

Derived By

Type DownloadPackage

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	0..1	Package ID.
SystemId	integer	1..1	System ID.
ProductLineId	ProductLineReference	0..1	Product line ID.
Description	string	0..1	Description for the Download Package.
EffectiveDate	date	0..1	Effective date of a Download Package.
Version	string	0..1	Version of the Download Package.
isCurrentVersion	boolean	0..1	Flag indicating whether the version is current.
PartnerCode	string	0..1	Tenant code.
ExtendedDescr	string	0..1	Extended description.
DownloadableFileReferences	DownloadableFileReference	0..*	The identifiers for a downloadable file.
DownloadableFileCount	positiveInteger	0..1	Downladable file count.
ManufacturerId	ManufacturerReference	0..1	Manufacturer ID of the Download Package.

Content Model

Component	Type	Occurs	Description
StatusCode	string	0..1	Status codes of the Download Package file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
isExpired	boolean	0..1	A flag indication whether the Download Package is expired.
isRestricted	boolean	0..1	A flag indication whether the Download Package is restricted or not.
DownloadInstructions	string	0..1	Download instruction for the Download Package.

Referenced By

Name	Type
DownloadPackageVersion	Complex Type

Definition

See DownloadPackageVersion

Element: DownloadPackageVersions [type ProductLine]

Description

Download Package versions.

Derived By

Type DownloadPackageVersion

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
VersionNumber	string	1..1	The version number of a Download Package.
DownloadPackages	DownloadPackage	0..*	The identifiers for Download Packages.

Referenced By

Name	Type
ProductLine	Complex Type

Definition

See ProductLine

Element: DownloadPrivilegeError

Description

DownloadPrivilegeError is thrown when a user has no Download privileges.

Derived By

Type DownloadPrivilegeError

Referenced By

Name	Type
getAllFilesForPackage	Method
getDownloadableFiles	Method
getFilesByDownloadPackages	Method

Element: DownloadURL [type DownloadableFile]

Description

Download URL of a downloadable file.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: EffectiveDate [type DownloadPackage]

Description

Effective date of a Download Package.

Derived By

Type date

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: effectiveDateTimestamp [element getImagesAndChartsResponse]

Description

Timestamp representing the date the images and charts were effective.

Derived By

Type string

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: email [type Maintainer]

Description

Email address of the maintainer.

Derived By

Type string

Referenced By

Name	Type
Maintainer	Complex Type

Definition

See Maintainer

Element: Email [type Member]

Description

Email address of the member.

Derived By

Type MemberReference

Referenced By

Name	Type
Member	Complex Type

Definition

See Member

Element: emailNoticeId [element getDownloadableFilesRequest]

Description

Email notice ID (if user got to the page by following email link).

Derived By

Type string

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: emailNoticeId [element getDownloadableFilesResponse]

Description

Email notice ID (if user got to the page by following email link).

Derived By

Type string

Referenced By

Name	Type
getDownloadableFilesResponse	Element

Definition

See getDownloadableFilesResponse

Element: emailNoticeId [element getFilesByDownloadPackagesResponse]

Description

Email notice ID (if user got to the page by following email link).

Derived By

Type string

Referenced By

Name	Type
getFilesByDownloadPackagesResponse	Element

Definition

See getFilesByDownloadPackagesResponse

Element: EmailReference [element getDownloadPackageNoticeDetailsRequest]

Description

The identifiers for an email.

Derived By

Type EmailReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SystemEmailId	positiveInteger	1..1	System email ID.

Referenced By

Name	Type
getDownloadPackageNoticeDetailsRequest	Element

Definition

See getDownloadPackageNoticeDetailsRequest

Element: EndDateTime [type FileDownloadLog]

Description

The end date and time for a file download log.

Derived By

Type dateTime

Referenced By

Name	Type
FileDownloadLog	Complex Type

Definition

See FileDownloadLog

Element: EntitlementId [type RequestByPrincipal]

Description

Entitlement ID.

Derived By

Type string

Referenced By

Name	Type
RequestByPrincipal	Complex Type
getAllFilesForPackageRequest	Element
getDownloadableFilesRequest	Element
getDownloadedFilesLogRequest	Element
getDownloadLogRequest	Element
getDownloadPackageNoticeDetailsRequest	Element
getDownloadPackageNotificationsRequest	Element
getDownloadPackagesRequest	Element
getEntitledOrganizationsRequest	Element
getFileDownloadsRequest	Element
getManufacturerProductLineRequest	Element
getNotDownloadedFilesRequest	Element
getRecentDownloadPackagesRequest	Element
getRecentNotificationsRequest	Element
getRecentUploadedFilesRequest	Element
searchDownloadableFilesRequest	Element
searchDownloadPackagesRequest	Element

Definition

See RequestByPrincipal

Element: EULA [element getEULAResponse]

Description

EULA.

Derived By

Type string

Referenced By

Name	Type
getEULAResponse	Element

Definition

See getEULAResponse

Element: EULAIsNotAcceptedError

Description

The EULAIsNotAcceptedError is shown when the EULA is required and has not been accepted.

***NOTE**: The **getDownloadableFiles** and **getFilesByDownloadPackages** APIs throw a **EULAIsNotAcceptedError** error if the user does not accept the EULA. Each EULA is for a single package, and therefore the error will be thrown per package. We recommend calling this method separately for each download package*

Derived By

Type EULAIsNotAcceptedError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackage	DownloadPackageReference	1..1	The identifiers for a Download Package.

Referenced By

Name	Type
getDownloadableFiles	Method
getFilesByDownloadPackages	Method

Element: EULARequired [element getDownloadableFilesRequest]

Description

Flag indicating whether EULA is required.

Derived By

Type boolean

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: EULARequired [element getFilesByDownloadPackagesRequest]

Description

Flag indicating whether EULA is required.

Derived By

Type boolean

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: ExecuteUponDownload [type DownloadableFile]

Description

Flag indicating whether to execute the file upon download.

Derived By

Type boolean

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: expirationDateTimestamp [element getImagesAndChartsResponse]

Description

Timestamp representing the expiration date the images and charts.

Derived By

Type string

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: ExportComplianceError

Description

An ExportComplianceError is thrown when export compliance check for the Download Package fails.

Derived By

Type ExportComplianceError

Referenced By

Name	Type
getAllFilesForPackage	Method
getDownloadableFiles	Method
getFilesByDownloadPackages	Method

Element: ExportComplianceRequired [element getFilesByDownloadPackagesRequest]

Description

Flag indicating whether export compliance is required.

Derived By

Type boolean

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: exportDisclaimer [element getEULAResponse]

Description

The content of export disclaimer.

Derived By

Type string

Referenced By

Name	Type
getEULAResponse	Element

Definition

See getEULAResponse

Element: ExtendedDescr [type DownloadPackage]

Description

Extended description.

Derived By

Type string

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: extendedDescription [element getImagesAndChartsResponse]

Description

Extended description.

Derived By

Type string

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: ExtendedDescription [type DownloadableFile]

Description

Extended description.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: ExternalURL [type DownloadableFile]

Description

If the External delivery source is selected, the URL where the file is located.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: File [element getDownloadedFilesLogResponse]

Description

File

- system id
- file name
- description
- file update date

Derived By

Type DownloadableFile

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.
FileName	string	1..1	File Name.
Description	string	1..1	Description for the Downloadable file.
HasDownloadsRemaining	boolean	0..1	An array of flags indicating whether corresponding activation IDs have downloadable packages or not.
HasCompressedContent	boolean	0..1	An array of flags indicating whether the files are compressed or not.
IsFileSynced	boolean	0..1	An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.

Content Model

Component	Type	Occurs	Description
StatusCode	FileStatusCode	0..1	Status codes of the downloadable file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
CompressedSize	positiveInteger	0..1	Compressed size.
ExtendedDescription	string	0..1	Extended description.
MassDownloadURL	string	0..1	URL for mass download.
DownloadURL	string	0..1	Download URL of a downloadable file.
ExternalURL	string	0..1	If the External delivery source is selected, the URL where the file is located.
ExecuteUponDownload	boolean	0..1	Flag indicating whether to execute the file upon download.
AdvancedDownloadProperties	string	0..1	The advanced download properties for the downloadable file.
DownloadMethod	FileDownloadMethod	1..1	File download method for a downloadable file.
NonDownloadableReason	NonDownloadableReason	0..1	If file is not downloadable, the reason.
CDRequestLink	string	0..1	URL for media requests.
ProductLineReference	ProductLineReference	0..1	Product line ID.
DownloadPackageReference	DownloadPackageReference	0..1	The identifiers for a Download Package.
MD5CheckSum	string	0..1	File's md5 checksum.
SHA256CheckSum	string	0..1	File's sha256 checksum.
UserDefinedFields	UserDefinedField	0..*	Custom attributes array.
DownloadImageUpdateDate	date	0..1	The date of the last file change.

Content Model

Component	Type	Occurs	Description
CompletedDownloadCount	int	0..1	The number of the completed downloads.
OrderCDDownloadCount	int	0..1	The number of the file's media orders.

Referenced By

Name	Type
getDownloadedFilesLogResponse	Element

Definition

See getDownloadedFilesLogResponse

Element: File [element searchDownloadableFilesResponse]

Description

File

- system id
- file name
- description
- file update date

Derived By

Type DownloadableFile

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.
FileName	string	1..1	File Name.
Description	string	1..1	Description for the Downloadable file.
HasDownloadsRemaining	boolean	0..1	An array of flags indicating whether corresponding activation IDs have downloadable packages or not.
HasCompressedContent	boolean	0..1	An array of flags indicating whether the files are compressed or not.
IsFileSynced	boolean	0..1	An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.

Content Model

Component	Type	Occurs	Description
StatusCode	FileStatusCode	0..1	Status codes of the downloadable file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
CompressedSize	positiveInteger	0..1	Compressed size.
ExtendedDescription	string	0..1	Extended description.
MassDownloadURL	string	0..1	URL for mass download.
DownloadURL	string	0..1	Download URL of a downloadable file.
ExternalURL	string	0..1	If the External delivery source is selected, the URL where the file is located.
ExecuteUponDownload	boolean	0..1	Flag indicating whether to execute the file upon download.
AdvancedDownloadProperties	string	0..1	The advanced download properties for the downloadable file.
DownloadMethod	FileDownloadMethod	1..1	File download method for a downloadable file.
NonDownloadableReason	NonDownloadableReason	0..1	If file is not downloadable, the reason.
CDRequestLink	string	0..1	URL for media requests.
ProductLineReference	ProductLineReference	0..1	Product line ID.
DownloadPackageReference	DownloadPackageReference	0..1	The identifiers for a Download Package.
MD5CheckSum	string	0..1	File's md5 checksum.
SHA256CheckSum	string	0..1	File's sha256 checksum.
UserDefinedFields	UserDefinedField	0..*	Custom attributes array.
DownloadImageUpdateDate	date	0..1	The date of the last file change.

Content Model

Component	Type	Occurs	Description
CompletedDownloadCount	int	0..1	The number of the completed downloads.
OrderCDDownloadCount	int	0..1	The number of the file's media orders.

Referenced By

Name	Type
searchDownloadableFilesResponse	Element

Definition

See searchDownloadableFilesResponse

Element: File [type UploadedFile]

Description

File

- system id
- file name
- description
- file update date

Derived By

Type DownloadableFile

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.
FileName	string	1..1	File Name.
Description	string	1..1	Description for the Downloadable file.
HasDownloadsRemaining	boolean	0..1	An array of flags indicating whether corresponding activation IDs have downloadable packages or not.
HasCompressedContent	boolean	0..1	An array of flags indicating whether the files are compressed or not.
IsFileSynced	boolean	0..1	An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.

Content Model

Component	Type	Occurs	Description
StatusCode	FileStatusCode	0..1	Status codes of the downloadable file are: • **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to). • **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed. • **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File). • **DELETED** - the File is deleted from the repository and is not available for customers to download.
CompressedSize	positiveInteger	0..1	Compressed size.
ExtendedDescription	string	0..1	Extended description.
MassDownloadURL	string	0..1	URL for mass download.
DownloadURL	string	0..1	Download URL of a downloadable file.
ExternalURL	string	0..1	If the External delivery source is selected, the URL where the file is located.
ExecuteUponDownload	boolean	0..1	Flag indicating whether to execute the file upon download.
AdvancedDownloadProperties	string	0..1	The advanced download properties for the downloadable file.
DownloadMethod	FileDownloadMethod	1..1	File download method for a downloadable file.
NonDownloadableReason	NonDownloadableReason	0..1	If file is not downloadable, the reason.
CDRequestLink	string	0..1	URL for media requests.
ProductLineReference	ProductLineReference	0..1	Product line ID.
DownloadPackageReference	DownloadPackageReference	0..1	The identifiers for a Download Package.
MD5CheckSum	string	0..1	File's md5 checksum.
SHA256CheckSum	string	0..1	File's sha256 checksum.
UserDefinedFields	UserDefinedField	0..*	Custom attributes array.
DownloadImageUpdateDate	date	0..1	The date of the last file change.

Content Model

Component	Type	Occurs	Description
CompletedDownloadCount	int	0..1	The number of the completed downloads.
OrderCDDownloadCount	int	0..1	The number of the file's media orders.

Referenced By

Name	Type
UploadedFile	Complex Type

Definition

See UploadedFile

Element: FileDownloadLog [element getDownloadLogResponse]

Description

File download log.

Derived By

Type FileDownloadLog

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileDownloadLogId	integer	1..1	File download log ID.
StartDateTime	dateTime	1..1	The start date and time of file download log.
Member	Member	1..1	Member info.
EndDateTime	dateTime	0..1	The end date and time for a file download log.
DownloadMethod	FileDownloadMethod	0..1	File download method for a file download log.
IPAddress	string	0..1	IP address of the downloader.

Referenced By

Name	Type
getDownloadLogResponse	Element

Definition

See getDownloadLogResponse

Element: FileDownloadLog [element getFileDownloadsResponse]

Description

File download log.

Derived By

Type FileDownloadLog

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileDownloadLogId	integer	1..1	File download log ID.
StartDateTime	dateTime	1..1	The start date and time of file download log.
Member	Member	1..1	Member info.
EndDateTime	dateTime	0..1	The end date and time for a file download log.
DownloadMethod	FileDownloadMethod	0..1	File download method for a file download log.
IPAddress	string	0..1	IP address of the downloader.

Referenced By

Name	Type
getFileDownloadsResponse	Element

Definition

See getFileDownloadsResponse

Element: FileDownloadLogId [element getDownloadLogRequest]

Description

File download log ID.

Derived By

Type integer

Referenced By

Name	Type
getDownloadLogRequest	Element

Definition

See getDownloadLogRequest

Element: FileDownloadLogId [type FileDownloadLog]

Description

File download log ID.

Derived By

Type integer

Referenced By

Name	Type
FileDownloadLog	Complex Type

Definition

See FileDownloadLog

Element: FileGroups [element getDownloadableFilesResponse]

Description

Downloadable files grouped under a group ID.

Derived By

Type DownloadableFilesGroup

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
GroupId	string	1..1	Group ID.
Files	DownloadableFileReference	1..*	Files.

Referenced By

Name	Type
getDownloadableFilesResponse	Element

Definition

See getDownloadableFilesResponse

Element: FileGroups [element getFilesByDownloadPackagesResponse]

Description

Group of files.

Derived By

Type DownloadableFilesGroup

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
GroupId	string	1..1	Group ID.
Files	DownloadableFileReference	1..*	Files.

Referenced By

Name	Type
getFilesByDownloadPackagesResponse	Element

Definition

See getFilesByDownloadPackagesResponse

Element: FileId [type DownloadableFileReference]

Description

File ID.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type
DownloadableFileReference	Complex Type

Definition

See DownloadableFileReference

Element: FileName [type DownloadableFile]

Description

File Name.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: FileReference [element getDownloadableFilesRequest]

Description

See DownloadableFileReference.

Derived By

Type DownloadableFileReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: FileReference [element getDownloadLogRequest]

Description

File reference.

Derived By

Type DownloadableFileReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.

Referenced By

Name	Type
getDownloadLogRequest	Element

Definition

See getDownloadLogRequest

Element: FileReference [element getFileDownloadsRequest]

Description

File reference.

Derived By

Type DownloadableFileReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.

Referenced By

Name	Type
getFileDownloadsRequest	Element

Definition

See getFileDownloadsRequest

Element: Files [type DownloadableFilesGroup]

Description

Files.

Derived By

Type DownloadableFileReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
FileId	string	0..1	File ID.
SystemFileId	integer	1..1	System file ID.

Referenced By

Name	Type
DownloadableFilesGroup	Complex Type

Definition

See DownloadableFilesGroup

Element: FilesQueryParameters [element getFilesByDownloadPackagesRequest]

Description

Files query parameters.

Derived By

Type FilesQueryParameters

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SearchBy	FilesSearchQueryType	0..1	Search the files by, • searchKey - The possible search keys are FILE_DESC and FILE_NAME. **Note:** The files can be searched using these search keys with Availability as Current. • searchValue • Availability - It defaults to Current

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: FirstName [type Member]

Description

First name of the member.

Derived By

Type string

Referenced By

Name	Type
Member	Complex Type

Definition

See Member

Element: flexeraContent [element getContentRequest]

Description

Flexera Content.

Derived By

Type boolean

Referenced By

Name	Type
getContentRequest	Element

Definition

See getContentRequest

Element: getAllFilesForPackageRequest

Description

A getAllFilesForPackageRequest message contains an element of getAllFilesForPackage.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
DownloadPackageReference	DownloadPackageReference	1..1	The identifiers for a Download Package.
NetStorageLocation	string	0..1	Net storage location.
ipAddress	string	0..1	IP Address of the requesting party. In case of a UI client, this is hopefully the UI browser's IP address.
UdfFilters	UserDefinedField	0..*	Custom attribute filters to apply to returned files.

Referenced By

Name	Type
getAllFilesForPackage	Method

XML Example

The following XML fragment illustrates an getAllFilesForPackageRequest message:

```
<esd:DownloadPackageReference>
  <!--Optional:-->
  <esd:Id>TestPackage</esd:Id>
</esd:DownloadPackageReference>
<!--Optional:-->
<esd:ipAddress>10.20.42.206</esd:ipAddress>
```

Element: getAllFilesForPackageResponse

Description

A getAllFilesForPackageResponse message contains an element of getAllFilesForPackage.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadableFileList	DownloadableFile	1..*	List of downloadable files.

Referenced By

Name	Type
getAllFilesForPackage	Method

XML Example

The following XML fragment illustrates an getAllFilesForPackageResponse message:

```
<ns2:getAllFilesForPackageResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:DownloadableFileList>
    <ns2:FileId>SuccessFile</ns2:FileId>
    <ns2:SystemFileId>7016547</ns2:SystemFileId>
    <ns2:FileName>NC_successboy_1920x1080.jpg</ns2:FileName>
    <ns2:Description>SuccessFile</ns2:Description>
    <ns2:HasCompressedContent>false</ns2:HasCompressedContent>
    <ns2:IsFileSynced>true</ns2:IsFileSynced>
    <ns2:StatusCode>LOADED</ns2:StatusCode>
    <ns2:CompressedSize>26724</ns2:CompressedSize>
    <ns2:DownloadURL>https://download-uat.flexnetoperations.com/29991/547/7016547/NC_successboy_1920x1080.j
pg?ftpRequestID=812473&amp;server=download-uat.flexnetoperations.com&amp;dtm=DTM20180329191627MTMxMzc3M
zM5&amp;authparam=1522368989_103eea4e72cd977ecb1e67a57f25deb4&amp;ext=.jpg</ns2:DownloadURL>
    <ns2:ExecuteUponDownload>false</ns2:ExecuteUponDownload>
    <ns2:DownloadMethod>HTTP</ns2:DownloadMethod>
    <ns2:MD5CheckSum>243edf8c66d80a2c3fe7a2cb444a61cf</ns2:MD5CheckSum>
    <ns2:SHA256CheckSum>c4055dd273978bd8e7915c89b3c96967440a8a4fca9c6178259b6435500701ec</ns2:SHA
256CheckSum>
    <ns2:DownloadImageUpdateDate>2018-03-14-05:00</ns2:DownloadImageUpdateDate>
  </ns2:DownloadableFileList>
</ns2:getAllFilesForPackageResponse>
```

Element: getComplianceAgreementRequest

Description

A getComplianceAgreementRequest message contains an element of getComplianceAgreement.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageReference	DownloadPackageReference	1..1	The identifiers for a Download Package.
OrganizationId	string	1..1	lOrganization ID.

Referenced By

Name	Type
getComplianceAgreement	Method

XML Example

```
<esd:getComplianceAgreementRequest>
  <!--Optional:-->
  <esd:DownloadPackageReference>
    <!--Optional:-->
    <esd:Id>DP_030401_EULA_EC</esd:Id>
  </esd:DownloadPackageReference>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
</esd:getComplianceAgreementRequest>
```

Element: getComplianceAgreementResponse

Description

A getComplianceAgreementResponse message contains an element of getComplianceAgreement.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Agreement	string	0..1	Compliance Agreement.

Referenced By

Name	Type
getComplianceAgreement	Method

XML Example

The following XML fragment illustrates an getComplianceAgreementResponse message:

```
<ns2:getComplianceAgreementResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:Agreement>By clicking "I ACCEPT",  I agree to comply with all applicable export and reexport control laws and regulations, including the Export Administration Regulations ("EAR") maintained by the United States Department of Commerce.  Specifically, I acknowledge and understand the software which I am about to download is subject to U.S. export control laws and regulations.  I hereby certify that I shall not -- directly or indirectly -- sell, export, reexport, transfer, divert, or otherwise dispose of any software (including products derived from or based on such technology or software) to any country (or national thereof) in Country Group D:1 or E:2 as identified in the EAR, without obtaining prior authorization from the appropriate government authorities.</ns2:Agreement>
</ns2:getComplianceAgreementResponse>
```

Element: getContentRequest

Description

A getContentRequest message contains an element of getContent.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
contentId	string	1..1	content ID.
flexeraContent	boolean	0..1	Flexera Content.

Referenced By

Name	Type
getContent	Method

XML Example

The following XML fragment illustrates an getContentRequest message:

```
<esd:getContentRequest>
  <!--Optional:-->
 <esd:contentId>AdministratorsContent</esd:contentId>
</esd:getContentRequest>
```

Element: getContentResponse

Description

A getContentResponse message contains an element of getContent.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Content	string	1..1	HTML Content.
DocumentName	string	1..1	HTML Content name.

Referenced By

Name	Type
getContent	Method

XML Example

The following XML fragment illustrates an getContentResponse message:

```
<ns2:getContentResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:Content>List of Administrators.</ns2:Content>
  <ns2:DocumentName>AdministratorsContent</ns2:DocumentName>
</ns2:getContentResponse>
```

Element: getDownloadableFilesRequest

Description

A getDownloadableFilesRequest message contains an element of getDownloadableFiles.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
DownloadPackageReference	DownloadPackageReference	1..1	The identifiers for a Download Package.
OrganizationId	string	1..1	Organization ID.
OrganizationCountryName	string	0..1	Country name of an organization.
OrganizationRegionName	string	0..1	Region name of an organization.
NetStorageLocation	string	0..1	Net storage location.
FileReference	DownloadableFileReference	0..*	See DownloadableFileReference.
IncludeDownloadedFiles	boolean	0..1	Flag indicating whether all files or only not downloaded files must be included in response. Defaults to "true". When the request is made on behalf of a user, it only includes files this user is entitled to. When the request is made per activation id, it includes files that a particular line item is entitled to.
IncludeExternalFiles	boolean	0..1	Flag indicating whether the external files are downloadable or not.
OrderBy	DownloadableFileOrderBy	0..1	Sort order of files in the response.
Ascending	boolean	0..1	Flag indicating whether files in the request are sorted in ascending order.
emailNoticeId	string	0..1	Email notice ID (if user got to the page by following email link).
ipAddress	string	0..1	IP Address of the requesting party. In case of a UI client, this is hopefully the UI browser's IP address.

Content Model

Component	Type	Occurs	Description
EULARequired	boolean	0..1	Flag indicating whether EULA is required.
UdfFilters	UserDefinedField	0..*	Custom attribute filters to apply to returned files: • Custom Attribute Name • Content - The values must contain "TagName" and "Value" in every "Content" element.
LocaleLanguage	language	0..1	Language of the file description.

Referenced By

Name	Type
getDownloadableFiles	Method

XML Example

The following XML fragment illustrates an getDownloadableFilesRequest message:

```
<esd:getDownloadableFilesRequest>
  <esd:Member>member@someorg.org</esd:Member>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
  <!--Zero or more repetitions:-->
  <esd:FileReference>
    <esd:SystemFileId>5329433</esd:SystemFileId>
  </esd:FileReference>
  <!--Optional:-->
  <esd:IncludeDownloadedFiles>true</esd:IncludeDownloadedFiles>
  <!--Optional:-->
  <esd:OrderBy>?</esd:OrderBy>
  <!--Optional:–>
  <esd:Ascending>?</esd:Ascending>

  <!--Optional:-->

  <esd:emailNoticeId>?</esd:emailNoticeId>

  <!--Optional:–>

  <esd:ipAddress>?</esd:ipAddress>
  <!--Optional:-->
  <esd:EULARequired>true</esd:EULARequired>
  <!--Zero or more repetitions:-->
  <esd:UdfFilters>
    <esd:TagName>?</esd:TagName>
    <esd:TagDescription>?</esd:TagDescription>
    <!--Zero or more repetitions:-->
    <esd:Content>
      <esd:Description>?</esd:Description>
      <!--Optional:-->
      <esd:Value>?</esd:Value>
```

XML Example

```
    </esd:Content>
  </esd:UdfFilters>
</esd:getDownloadableFilesRequest>
```

Element: getDownloadableFilesResponse

Description

A getDownloadableFilesResponse message contains an element of getDownloadableFiles.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackage	DownloadPackage	1..1	The identifiers for a Download Package.
DownloadableFileList	DownloadableFile	1..*	List of downloadable files.
OrderBy	DownloadableFileOrderBy	1..1	Sort order of files in the response.
Ascending	boolean	1..1	Flag indicating whether files in the response are sorted in ascending order.
FileGroups	DownloadableFilesGroup	0..*	Downloadable files grouped under a group ID.
emailNoticeId	string	0..1	Email notice ID (if user got to the page by following email link).
MediaAvailable	boolean	1..1	Media availablility of the downloadable files.

Referenced By

Name	Type
getDownloadableFiles	Method

XML Example

The following XML fragment illustrates an getDownloadableFilesResponse message:

```
<ns2:getDownloadableFilesResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:DownloadPackage>
    <ns2:Id>DP_05121501</ns2:Id>
    <ns2:ProductLineId>ESDProductLine</ns2:ProductLineId>
    <ns2:Description>DP_05121501</ns2:Description>
    <ns2:Version>1.0</ns2:Version>
  </ns2:DownloadPackage>
  <ns2:DownloadableFileList>
    <ns2:FileId>File_05121501</ns2:FileId>
    <ns2:SystemFileId>5329433</ns2:SystemFileId>
    <ns2:FileName>File_05121501.txt</ns2:FileName>
    <ns2:Description>File_05121501</ns2:Description>
    <ns2:HasDownloadsRemaining>true</ns2:HasDownloadsRemaining>
    <ns2:HasCompressedContent>false</ns2:HasCompressedContent>
```

XML Example


```
        <ns2:IsFileSynced>true</ns2:IsFileSynced>
        <ns2:StatusCode>LOADED</ns2:StatusCode>
        <ns2:CompressedSize>52</ns2:CompressedSize>
        <ns2:MassDownloadURL>http://scdev-01.isys.intraware.com:11111/cgi-bin/download?rid=1839491523&amp;rp=DT
M20151008191331NjQ2NTQ0MDc4</ns2:MassDownloadURL>
        <ns2:DownloadURL>http://scdev-01.isys.intraware.com:11111/cgi-bin/download?rid=1839491523&amp;rp=DTM201
51008191331NjQ2NTQ0MDc4</ns2:DownloadURL>
        <ns2:AdvancedDownloadProperties>dkey=5329433&amp;element_key=3699243&amp;cert_num=114867033&amp
;plne=618493&amp;did=477438593</ns2:AdvancedDownloadProperties>
        <ns2:DownloadMethod>HTTP</ns2:DownloadMethod>
        <ns2:MD5CheckSum>3da506aaa164c52a19683e8dc2e62dfe</ns2:MD5CheckSum>
        <ns2:DownloadImageUpdateDate>2015-05-12-07:00</ns2:DownloadImageUpdateDate>
      </ns2:DownloadableFileList>
      <ns2:Ascending>false</ns2:Ascending>
      <ns2:emailNoticeId>emailNoticeId</ns2:emailNoticeId>
      <ns2:MediaAvailable>true</ns2:MediaAvailable>
    </ns2:getDownloadableFilesResponse>
```

Element: getDownloadedFilesLogRequest

Description

A getDownloadedFilesLogRequest message contains an element of getDownloadedFilesLog.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
DownloadPackageReference	DownloadPackageReference	1..1	The identifiers for a Download Package.
OrganizationId	string	1..1	Organization ID.
LocaleLanguage	language	0..1	Locale language of the file description.

Referenced By

Name	Type
getDownloadedFilesLog	Method

The following XML fragment illustrates an getDownloadedFilesLogRequest message:

```
<esd:getDownloadedFilesLogRequest>
  <!--Optional:-->
  <esd:Member>member@someorg.org</esd:Member>
  <esd:DownloadPackageReference>
    <!--Optional:-->
    <esd:Id>DP_031001_NoEULA_NoEC</esd:Id>
  </esd:DownloadPackageReference>
 <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
<esd:LocaleLanguage>en</esd:LocaleLanguage>
</esd:getDownloadedFilesLogRequest>
```

Element: getDownloadedFilesLogResponse

Description

A getDownloadedFilesLogResponse message contains an element of getDownloadedFilesLog.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
File	DownloadableFile	0..*	File • system id • file name • description • file update date

Referenced By

Name	Type
getDownloadedFilesLog	Method

XML Example

The following XML fragment illustrates an getDownloadedFilesLogResponse message:

```
<ns2:getDownloadedFilesLogResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:File>
    <ns2:FileId>File_031001</ns2:FileId>
    <ns2:SystemFileId>5320753</ns2:SystemFileId>
    <ns2:FileName>File_031001.txt</ns2:FileName>
    <ns2:Description>File_031001</ns2:Description>
    <ns2:CompletedDownloadCount>1</ns2:CompletedDownloadCount>
    <ns2:OrderCDDownloadCount>0</ns2:OrderCDDownloadCount>
  </ns2:File>
</ns2:getDownloadedFilesLogResponse>
```

Element: getDownloadLogRequest

Description

A getDownloadLogRequest message contains an element of getDownloadLog.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
FileReference	DownloadableFileReference	1..1	File reference.
OrganizationId	string	1..1	Organization ID.
FileDownloadLogId	integer	1..1	File download log ID.

Referenced By

Name	Type
getDownloadLog	Method

XML Example

The following XML fragment illustrates an getDownloadLogRequest message:

```
<esd:getDownloadLogRequest>
  <esd:Member>member@someorg.org</esd:Member>
  <esd:FileReference>
    <esd:SystemFileId>5320753</esd:SystemFileId>
  </esd:FileReference>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
  <esd:FileDownloadLogId>333350993</esd:FileDownloadLogId>
</esd:getDownloadLogRequest>
```

Element: getDownloadLogResponse

Description

A getDownloadLogResponse message contains an element of getDownloadLog.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadableFile	DownloadableFile	1..1	Downloadable file.
FileDownloadLog	FileDownloadLog	0..1	File download log.

Referenced By

Name	Type
getDownloadLog	Method

XML Example

The following XML fragment illustrates an getDownloadLogResponse message:

```
<ns2:getDownloadLogResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:DownloadableFile>
    <ns2:FileId>File_031001</ns2:FileId>
    <ns2:SystemFileId>5320753</ns2:SystemFileId>
    <ns2:FileName>File_031001.txt</ns2:FileName>
    <ns2:CompressedSize>20</ns2:CompressedSize>
  </ns2:DownloadableFile>
  <ns2:FileDownloadLog>
    <ns2:FileDownloadLogId>333350993</ns2:FileDownloadLogId>
    <ns2:StartDateTime>2015-04-14T09:07:36.000-07:00</ns2:StartDateTime>
    <ns2:Member>
      <ns2:Email>member@someorg.org</ns2:Email>
      <ns2:FirstName>Some</ns2:FirstName>
      <ns2:LastName>One</ns2:LastName>
    </ns2:Member>
    <ns2:EndDateTime>2015-04-14T09:07:36.000-07:00</ns2:EndDateTime>
    <ns2:DownloadMethod>HTTP</ns2:DownloadMethod>
    <ns2:IPAddress>10.20.42.211</ns2:IPAddress>
  </ns2:FileDownloadLog>
</ns2:getDownloadLogResponse>
```

Element: getDownloadPackageInfoRequest

Description

A getDownloadPackageInfoRequest message contains an element of getDownloadPackageByDownloadPackageId.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
OrganizationId	string	1..*	Organization ID.
DownloadPackageId	string	1..1	Download Package ID.
VersionType	VersionType	0..1	Download package version type. The possible values are: • Current - default version type. • Archive • All

Referenced By

Name	Type
getDownloadPackageByDownloadPackageId	Method

Element: getDownloadPackageNameRequest

Description

A getDownloadPackageNameRequest message contains an element of getDownloadPackageNameByActivationId.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ActivationId	string	1..*	Activation ID.

Referenced By

Name	Type
getDownloadPackageNameByActivationId	Method

Element: getDownloadPackageNameResponse

Description

A getDownloadPackageNameResponse message contains an element of getDownloadPackageNameByActivationId.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageId	string	0..*	Download Package ID.

Referenced By

Name	Type
getDownloadPackageNameByActivationId	Method

Element: getDownloadPackageNoticeDetailsRequest

Description

A getDownloadPackageNoticeDetailsRequest message contains an element of getDownloadPackageNoticeDetails.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
OrganizationId	string	1..1	Organization ID.
EmailReference	EmailReference	1..1	The identifiers for an email.
LocaleLanguage	language	0..1	Locale language of the email content

Referenced By

Name	Type
getDownloadPackageNoticeDetails	Method

XML Example

The following XML fragment illustrates an getDownloadPackageNoticeDetailsRequest message:

```
<esd:getDownloadPackageNoticeDetailsRequest>
  <!--Optional:-->
  <esd:Member>member@someorg.org</esd:Member>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
  <esd:EmailReference>
    <esd:SystemEmailId>38337003</esd:SystemEmailId>
  </esd:EmailReference>
</esd:getDownloadPackageNoticeDetailsRequest>
```

Element: getDownloadPackageNoticeDetailsResponse

Description

A getDownloadPackageNoticeDetailsResponse message contains an element of getDownloadPackageNoticeDetails.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
NotificationEmail	NotificationEmail	1..1	Notification Email.

Referenced By

Name	Type
getDownloadPackageNoticeDetails	Method

XML Example

The following XML fragment illustrates an getDownloadPackageNoticeDetailsResponse message:

```
<ns2:getDownloadPackageNoticeDetailsResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:NotificationEmail>
    <ns2:SystemEmailId>38337003</ns2:SystemEmailId>
    <ns2:Subject>Product Update Notification</ns2:Subject>
    <ns2:SendDateTime>2015-02-05-08:00</ns2:SendDateTime>
    <ns2:TextContent>A new version is available for ESDDownloadPackage_020501-NoEULANoEC. Navigate here
http://test-fno-qa1.isys.intraware.com/flexnet/operationsportal/logon.do to download the new product.</ns2:TextContent>
    <ns2:HTMLContent>&lt;font color = "blue">
A new version is available for ESDDownloadPackage_020501-NoEULANoEC. Navigate to this &lt;a
href="test-fno-qa1.isys.intraware.com/flexnet/operationsportal/logon.do">URL&lt;/a> to download the new product.
&lt;/font></ns2:HTMLContent>
  </ns2:NotificationEmail>
</ns2:getDownloadPackageNoticeDetailsResponse>
```

Element: getDownloadPackageNotificationsRequest

Description

A getDownloadPackageNotificationsRequest message contains an element of getDownloadPackageNotifications.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
DownloadPackageReference	DownloadPackageReference	1..1	The identifiers for a Download Package.
OrganizationId	string	1..1	Organization ID.
IncludeRelatedProducts	boolean	0..1	Flag indicating whether to include packages sharing the same product line in the response.
LocaleLanguage	language	0..1	Locale language of the email subject.

Referenced By

Name	Type
getDownloadPackageNotifications	Method

XML Example

The following XML fragment illustrates an getDownloadPackageNotificationsRequest message:

```
<esd:getDownloadPackageNotificationsRequest>
  <!--Optional:-->
  <esd:Member>member@someorg.org</esd:Member>
  <esd:DownloadPackageReference>
    <!--Optional:-->
    <esd:Id>ESDDownloadPackage_020501-NoEULANoEC</esd:Id>
  </esd:DownloadPackageReference>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
  <!--Optional:-->
  <esd:IncludeRelatedProducts>false</esd:IncludeRelatedProducts>
</esd:getDownloadPackageNotificationsRequest>
```

Element: getDownloadPackageNotificationsResponse

Description

A getDownloadPackageNotificationsResponse message contains an element of getDownloadPackageNotifications.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
NotificationEmail	NotificationEmail	0..*	Notification Email.

Referenced By

Name	Type
getDownloadPackageNotifications	Method

XML Example

The following XML fragment illustrates an getDownloadPackageNotificationsResponse message:

```
<ns2:getDownloadPackageNotificationsResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:NotificationEmail>
    <ns2:SystemEmailId>38337003</ns2:SystemEmailId>
    <ns2:Subject>Product Update Notification</ns2:Subject>
    <ns2:SendDateTime>2015-02-05-08:00</ns2:SendDateTime>
  </ns2:NotificationEmail>
  <ns2:NotificationEmail>
    <ns2:SystemEmailId>38336993</ns2:SystemEmailId>
    <ns2:Subject>Product Update Notification</ns2:Subject>
    <ns2:SendDateTime>2015-02-05-08:00</ns2:SendDateTime>
  </ns2:NotificationEmail>
</ns2:getDownloadPackageNotificationsResponse>
```

Element: getDownloadPackagesByActivationIdsRequest

Description

A getDownloadPackagesByActivationIdsRequest message contains an element of getDownloadPackagesByActivationIds.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ActivationId	string	1..*	Activation ID.
OrganizationId	string	1..1	Organization ID.
DownloadPackageQueryParameters	DownloadPackageQueryParameters	1..1	Download Package query parameters.
PageNumber	integer	0..1	Pagination attributes.
BatchSize	integer	0..1	Batch Size.
isCountQuery	boolean	0..1	Get the total count for a particular criterion.
SortBy	DownloadPackageSortBy	0..1	Sort the Download Package by, • SortKey - The possible sort keys are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME. • Ascending

Referenced By

Name	Type
getDownloadPackagesByActivationIds	Method

Element: getDownloadPackagesByActivationIdsResponse

Description

A getDownloadPackagesByActivationIdsResponse message contains an element of getDownloadPackagesByActivationIds.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TotalCount	integer	0..1	Total count of the Download Package.
CurrentDownloadPackage	DownloadPackage	0..*	Current Download Packages.
ArchivedDownloadPackage	DownloadPackage	0..*	Archived Download Package.

Referenced By

Name	Type
getDownloadPackagesByActivationIds	Method

Element: getDownloadPackagesRequest

Description

A getDownloadPackagesRequest message contains an element of getDownloadPackages.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
OrganizationId	string	0..*	An array of one or more organization IDs.
ProductLineReference	ProductLineReference	0..1	Product line reference. When Member property is supplied, either product line id or activation id must be supplied, but not both.
VersionType	VersionType	0..1	Download package version type. The possible values are: • Current - default version type. • Archive • All
OrderBy	DownloadPackageOrderBy	0..1	Sort order of files in the response.
LocaleLanguage	language	0..1	Locale language of the Download Packages names and descriptions.

Referenced By

Name	Type
getDownloadPackages	Method

XML Example

The following XML fragment illustrates an getDownloadPackagesRequest message:

```
<esd:getDownloadPackagesRequest>
  <esd:Member>member@someorg.org</esd:Member>
```

XML Example

```
    <esd:OrganizationId>Neusoft-Ultrasound-Distributor</esd:OrganizationId>
    <!--Optional:-->
    <esd:ProductLineReference>Neusoft-HD5-DICOM-Network-Permanent</esd:ProductLineReference>
    <!--Optional:-->
    <esd:VersionType>All</esd:VersionType>
  </esd:getDownloadPackagesRequest>
```

Element: getDownloadPackagesResponse

Description

A getDownloadPackagesResponse message contains an element of getDownloadPackageByDownloadPackageId and getDownloadPackages.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
CurrentDownloadPackage	DownloadPackage	0..*	Current Download Packages.
ArchivedDownloadPackage	DownloadPackage	0..*	Archived Download Package.

Referenced By

Name	Type
getDownloadPackageByDownloadPackageId	Method
getDownloadPackages	Method

XML Example

The following XML fragment illustrates an getDownloadPackagesResponse message:

```
<ns2:getDownloadPackagesResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:CurrentDownloadPackage>
    <ns2:Id>Neusoft HD5 DICOM Network Permanent</ns2:Id>
    <ns2:Description>DICOM Networking Permanent</ns2:Description>
    <ns2:EffectiveDate>2013-04-01-07:00</ns2:EffectiveDate>
    <ns2:Version>1.0</ns2:Version>
    <ns2:isCurrentVersion>true</ns2:isCurrentVersion>
  </ns2:CurrentDownloadPackage>
</ns2:getDownloadPackagesResponse>
```

Element: getEntitledOrganizationsRequest

Description

A getEntitledOrganizationsRequest message contains an element of getEntitledOrganizations.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
OrganizationReference	OrganizationReference	0..*	Organization Reference.

Referenced By

Name	Type
getEntitledOrganizations	Method

XML Example

The following XML fragment illustrates an getEntitledOrganizationsRequest message:

```
<esd:getEntitledOrganizationsRequest>
  <esd:Member>member@someorg.org</esd:Member>
</esd:getEntitledOrganizationsRequest>
```

Element: getEntitledOrganizationsResponse

Description

A getEntitledOrganizationsResponse message contains an element of getEntitledOrganizations.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
OrganizationReference	OrganizationReference	0..*	Organization Reference.

Referenced By

Name	Type
getEntitledOrganizations	Method

XML Example

The following XML fragment illustrates an getEntitledOrganizationsResponse message:

```
<ns2:getEntitledOrganizationsResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:OrganizationReference>
    <ns2:OrgId>MYORG</ns2:OrgId>
    <ns2:OrgName>My Organization</ns2:OrgName>
  </ns2:OrganizationReference>
</ns2:getEntitledOrganizationsResponse>
```

Element: getEULARequest

Description

A getEULARequest message contains an element of getEULA.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageReference	DownloadPackageReference	1..1	The identifiers for a Download Package.
OrganizationId	string	1..1	Organization ID.

Referenced By

Name	Type
getEULA	Method

XML Example

The following XML fragment illustrates an getEULARequest message:

```
<esd:getEULARequest>
  <esd:DownloadPackageReference>
    <esd:Id>DP_030401_EULA_EC</esd:Id>
  </esd:DownloadPackageReference>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>

</esd:getEULARequest>
```

Element: getEULAResponse

Description

A getEULAResponse message contains an element of getEULA.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
EULA	string	0..1	EULA.
exportDisclaimer	string	0..1	The content of export disclaimer.

Referenced By

Name	Type
getEULA	Method

XML Example

The following XML fragment illustrates an getEULAResponse message:

```
<ns2:getEULAResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:EULA><![CDATA[<p><span style="color: #800000;"><em><strong>Accept the agreement to
Proceed</strong></em></span></p>]]></ns2:EULA>
</ns2:getEULAResponse>
```

Element: getFileDownloadsRequest

Description

A getFileDownloadsRequest message contains an element of getFileDownloads.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
FileReference	DownloadableFileReference	1..1	File reference.
OrganizationId	string	1..1	Organization ID.
StartOffset	int	0..1	Index of the first result starting with 0 (for pagination). StartOffset defaults to 0.
ResultSetSize	int	0..1	Number of results in the response (for pagination). ResultSetSize defaults to 1.

Referenced By

Name	Type
getFileDownloads	Method

XML Example

The following XML fragment illustrates an getFileDownloadsRequest message:

```
<esd:getFileDownloadsRequest>
  <esd:Member>member@someorg.org</esd:Member>
  <esd:FileReference>
    <!--Optional:-->
    <esd:SystemFileId>5320753</esd:SystemFileId>
  </esd:FileReference>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
  <!--Optional:-->
  <esd:StartOffset>0</esd:StartOffset>
  <!--Optional:-->
  <esd:ResultSetSize>200</esd:ResultSetSize>
</esd:getFileDownloadsRequest>
```

Element: getFileDownloadsResponse

Description

A getFileDownloadsResponse message contains an element of getFileDownloads.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadableFile	DownloadableFile	1..1	Downloadable file.
FileDownloadLog	FileDownloadLog	0..*	File download log.
TotalResults	int	1..1	Total number of downloads (for paginated responses).

Referenced By

Name	Type
getFileDownloads	Method

XML Example

The following XML fragment illustrates an getFileDownloadsResponse message:


```
<ns2:DownloadableFile> <ns2:FileId>File_031001</ns2:FileId>
<ns2:SystemFileId>5320753</ns2:SystemFileId> <ns2:FileName>File_031001.txt</ns2:FileName>
</ns2:DownloadableFile> <ns2:FileDownloadLog>
<ns2:FileDownloadLogId>333350993</ns2:FileDownloadLogId>
<ns2:StartDateTime>2015-04-14T09:07:36.000-07:00</ns2:StartDateTime> <ns2:Member>
<ns2:Email>member@someorg.org</ns2:Email> </ns2:Member> </ns2:FileDownloadLog>
<ns2:TotalResults>1</ns2:TotalResults>
```

Element: getFilesByDownloadPackagesRequest

Description

A getFilesByDownloadPackagesRequest message contains an element of getFilesByDownloadPackages.

Derived By

Extending RequestByUser

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
DownloadPackageReference	DownloadPackageReference	1..1	The identifiers for a Download Package.
FilesQueryParameters	FilesQueryParameters	1..1	Files query parameters.
OrganizationId	string	1..1	Organization ID.
OrganizationCountryName	string	0..1	Country name of an organization.
OrganizationRegionName	string	0..1	Region name of an organization.
isCountQuery	boolean	0..1	Get the total count for a particular criterion.
NetStorageLocation	string	0..1	Net storage location.
IncludeDownloadedFiles	boolean	0..1	Flag to include downloaded files.
IncludeExternalFiles	boolean	0..1	Flag indicating whether the external files are downloadable or not.
ipAddress	string	0..1	IP Address of the requesting party. In case of a UI client, this is hopefully the UI browser's IP address.
EULARequired	boolean	0..1	Flag indicating whether EULA is required.
ExportComplianceRequired	boolean	0..1	Flag indicating whether export compliance is required.
LocaleLanguage	language	0..1	Locale language of the file names and descriptions.
PageNumber	integer	0..1	Pagination attributes.
BatchSize	integer	0..1	Batch Size.
SortBy	FilesSortBy	0..1	Sort the downloadby, • SortKey - The possible sort keys are FILE_DESC and FILE_NAME. • Ascending

Referenced By

Name	Type
getFilesByDownloadPackages	Method

Element: getFilesByDownloadPackagesResponse

Description

A getFilesByDownloadPackagesResponse message contains an element of getFilesByDownloadPackages.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TotalCount	integer	0..1	Total count of the downloads.
DownloadPackage	DownloadPackage	1..1	The identifiers for a Download Package.
DownloadableFileList	DownloadableFile	1..*	List of downloadable files.
OrderBy	DownloadableFileOrderBy	1..1	Sort order of files in the response.
Ascending	boolean	1..1	Flag indicating whether files in the response are sorted in ascending order.
FileGroups	DownloadableFilesGroup	0..*	Group of files.
emailNoticeId	string	0..1	Email notice ID (if user got to the page by following email link).
MediaAvailable	boolean	1..1	Media availablility of the downloadable files.

Referenced By

Name	Type
getFilesByDownloadPackages	Method

Element: getImagesAndChartsRequest

Description

A getImagesAndChartsRequest message contains an element of getImageAndCharts.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
downloadPackageId	string	1..1	Download Package ID.
RepositoryRequestParam	RepositoryRequestParam	1..1	Repository request param.
ArtifactRequestParam	ArtifactRequestParam	1..1	Artifact request param.

Referenced By

Name	Type
getImagesAndCharts	Method

Element: getImagesAndChartsResponse

Description

A getImagesAndChartsResponse message contains an element of getImageAndCharts.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
downloadPackageId	string	1..1	Download Package ID.
sysDownloadPackageId	long	1..1	Download Package ID of the system.
downloadPackageName	string	1..1	Download Package name
extendedDescription	string	1..1	Extended description.
version	string	1..1	Package version.
releaseGroup	string	1..1	Release group of the images and charts.
effectiveDateTimestamp	string	1..1	Timestamp representing the date the images and charts were effective.
expirationDateTimestamp	string	1..1	Timestamp representing the expiration date the images and charts.
archiveDateTimestamp	string	1..1	Archive date.
downloadPackageAvailability	boolean	1..1	Download package availability.
productLine	string	1..1	Product line.
owner	boolean	1..1	Owner.
restrictedDownloadPackage	boolean	1..1	Restricting access to a Download Package.
Repositories	Repository	1..*	Repositories of the images and charts.
Charts	Chart	1..*	Charts.

Referenced By

Name	Type
getImagesAndCharts	Method

Element: getManufacturerProductLineRequest

Description

A getManufacturerProductLineRequest message contains an element of getManufacturerProductLine.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
LocaleLanguage	language	0..1	Locale language of the product line names and descriptions.
OrganizationId	string	0..*	An array of organization IDs. If the array of organizations is not provided, all organizations the user is a member of are used

Referenced By

Name	Type
getManufacturerProductLine	Method

XML Example

The following XML fragment illustrates an getManufacturerProductLineRequest message:

```
<esd:getManufacturerProductLineRequest>
   <esd:Member>member@someorg.org</esd:Member>
   <esd:LocaleLanguage>JP</esd:LocaleLanguage>
   <esd:OrganizationId>AS_ESD_Org</esd:OrganizationId>
</esd:getManufacturerProductLineRequest>
```

Element: getManufacturerProductLineResponse

Description

A getManufacturerProductLineResponse message contains an element of getManufacturerProductLine.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductChart	ProductChartLevel	1..1	An array of manufacturers, each including its respective product lines.

Referenced By

Name	Type
getManufacturerProductLine	Method

XML Example

The following XML fragment illustrates an getManufacturerProductLineResponse message:

```
<ns2:getManufacturerProductLineResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:ProductChart xsi:type="ns2:Manufacturers" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <ns2:Manufacturers>
      <ns2:ManufacturerId>FlexeraInternal</ns2:ManufacturerId>
      <ns2:ManufacturerName>FLEXERA INTERNAL</ns2:ManufacturerName>
      <ns2:ProductLines>
        <ns2:ProductLineId>FNO</ns2:ProductLineId>
        <ns2:ProductLineName>FNO</ns2:ProductLineName>
        <ns2:ProductLineDescr>FNO</ns2:ProductLineDescr>
      </ns2:ProductLines>
      <ns2:ProductLines>
        <ns2:ProductLineId>September</ns2:ProductLineId>
        <ns2:ProductLineName>September</ns2:ProductLineName>
        <ns2:ProductLineDescr>SEPTEMBER</ns2:ProductLineDescr>
      </ns2:ProductLines>
    </ns2:Manufacturers>
  </ns2:ProductChart>
</ns2:getManufacturerProductLineResponse>
```

Element: getNotDownloadedFilesRequest

Description

A getNotDownloadedFilesRequest message contains an element of getNotDownloadedFiles.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
OrganizationId	string	1..1	Organization ID.

Referenced By

Name	Type
getNotDownloadedFiles	Method

XML Example

The following XML fragment illustrates an getNotDownloadedFilesRequest message:

```
<esd:getNotDownloadedFilesRequest>
  <!--Optional:-->
  <esd:Member>member@someorg.org</esd:Member>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
</esd:getNotDownloadedFilesRequest>
```

Element: getNotDownloadedFilesResponse

Description

A getNotDownloadedFilesResponse message contains an element of getNotDownloadedFiles.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductChart	ProductChartLevel	1..1	Product chart.

Referenced By

Name	Type
getNotDownloadedFiles	Method

XML Example

The following XML fragment illustrates an getNotDownloadedFilesResponse message:

```
<ns2:getNotDownloadedFilesResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
<ns2:ProductChart xsi:type="ns2:Manufacturers" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
<ns2:Manufacturers> <ns2:ManufacturerName>esd-man-1</ns2:ManufacturerName>
<ns2:ProductLines> <ns2:ProductLineDescr>esdproductline</ns2:ProductLineDescr>
<ns2:DownloadPackageVersions> <ns2:VersionNumber>1.0</ns2:VersionNumber>
<ns2:DownloadPackages> <ns2:SystemId>3694853</ns2:SystemId>
<ns2:Description>dp-0424-noeulanoec</ns2:Description> <ns2:DownloadableFileReferences>
<ns2:SystemFileId>5326933</ns2:SystemFileId> </ns2:DownloadableFileReferences>
</ns2:DownloadPackages> </ns2:DownloadPackageVersions> </ns2:ProductLines>
</ns2:Manufacturers> <ns2:Manufacturers>
<ns2:ManufacturerName>manufacturer1</ns2:ManufacturerName> <ns2:ProductLines>
<ns2:ProductLineDescr>esdproductline</ns2:ProductLineDescr> <ns2:DownloadPackageVersions>
<ns2:VersionNumber>2</ns2:VersionNumber> <ns2:DownloadPackages>
<ns2:SystemId>3693213</ns2:SystemId> <ns2:Description>dp_04131501</ns2:Description>
<ns2:DownloadableFileReferences> <ns2:SystemFileId>5325593</ns2:SystemFileId>
</ns2:DownloadableFileReferences> </ns2:DownloadPackages>
</ns2:DownloadPackageVersions> <ns2:DownloadPackageVersions>
<ns2:VersionNumber>2.0</ns2:VersionNumber> <ns2:DownloadPackages>
<ns2:SystemId>3675853</ns2:SystemId>
<ns2:Description>esddownloadpackage_020501-eula_noec</ns2:Description>
<ns2:DownloadableFileReferences> <ns2:SystemFileId>5316263</ns2:SystemFileId>
</ns2:DownloadableFileReferences> </ns2:DownloadPackages>
</ns2:DownloadPackageVersions> </ns2:ProductLines> </ns2:Manufacturers> </ns2:ProductChart>
</ns2:getNotDownloadedFilesResponse>
```

Element: getRecentDownloadPackagesRequest

Description

A getRecentDownloadPackagesRequest message contains an element of getRecentDownloadPackages.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
SearchDays	int	0..1	Search days. The minimum value is 30 days and maximum value is 180 days. Default of 30 days is used if not provided. If SearchDays is less than 0 RequestValidationError is thrown.
OrganizationId	string	1..1	Organization ID.
LocaleLanguage	language	0..1	Locale language of the Download Package names and descriptions.

Referenced By

Name	Type
getRecentDownloadPackages	Method

XML Example

The following XML fragment illustrates an getRecentDownloadPackagesRequest message:

```
<esd:getRecentDownloadPackagesRequest>
  <!--Optional:-->
  <esd:Member>member@someorg.org</esd:Member>
  <!--Optional:-->
  <esd:SearchDays>150</esd:SearchDays>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
</esd:getRecentDownloadPackagesRequest>
```

Element: getRecentDownloadPackagesResponse

Description

A getRecentDownloadPackagesResponse message contains an element of getRecentDownloadPackages.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackage	DownloadPackage	0..*	The identifiers for a Download Package.

Referenced By

Name	Type
getRecentDownloadPackages	Method

XML Example

The following XML fragment illustrates an getRecentDownloadPackagesResponse message:

```
<ns2:getRecentDownloadPackagesResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:DownloadPackage>
    <ns2:Id>DP_05121501</ns2:Id>
    <ns2:Description>DP_05121501</ns2:Description>
    <ns2:EffectiveDate>2015-05-12-07:00</ns2:EffectiveDate>
    <ns2:Version>1.0</ns2:Version>
  </ns2:DownloadPackage>
</ns2:getRecentDownloadPackagesResponse>
```

Element: getRecentNotificationsRequest

Description

A getRecentNotificationsRequest message contains an element of getRecentNotifications.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
OrganizationId	string	1..1	Organization ID.
SearchDays	int	0..1	Search days. The minimum value is 30 days and maximum value is 180 days. Default of 30 days is used if not provided. If SearchDays is less than 0 RequestValidationError is thrown.
StartOffset	int	0..1	Index of first result starting with 0 (for pagination). StartOffset defaults to 0.
ResultSetSize	int	0..1	Number of results in the response (for pagination). ResultSetSize defaults to 1.
OrderBy	NotificationsOrderBy	0..1	Result sorting order. When not provided, SENTDATE is used.
LocaleLanguage	language	0..1	Locale language of the notification and descriptions.

Referenced By

Name	Type
getRecentNotifications	Method

XML Example

The following XML fragment illustrates an getRecentNotificationsRequest message:

```
<esd:getRecentNotificationsRequest>
   <esd:Member>member@someorg.org</esd:Member>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
   <!--Optional:-->
   <esd:SearchDays>280</esd:SearchDays>
   <!--Optional:-->
   <esd:StartOffset>0</esd:StartOffset>
```

XML Example

```
    <!--Optional:-->
    <esd:ResultSetSize>200</esd:ResultSetSize>
    <!--Optional:-->
    <esd:OrderBy>SENTDATE</esd:OrderBy>
  </esd:getRecentNotificationsRequest>
```

Element: getRecentNotificationsResponse

Description

A getRecentNotificationsResponse message contains an element of getRecentNotifications.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
NotificationEmail	NotificationEmail	0..*	Notification Email.

Referenced By

Name	Type
getRecentNotifications	Method

XML Example

The following XML fragment illustrates an getRecentNotificationsResponse message:

```
<ns2:getRecentNotificationsResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:NotificationEmail>
    <ns2:SystemEmailId>38337003</ns2:SystemEmailId>
    <ns2:Subject>Product Update Notification</ns2:Subject>
    <ns2:SendDateTime>2015-02-05-08:00</ns2:SendDateTime>
  </ns2:NotificationEmail>
  <ns2:NotificationEmail>
    <ns2:SystemEmailId>38336993</ns2:SystemEmailId>
    <ns2:Subject>Product Update Notification</ns2:Subject>
    <ns2:SendDateTime>2015-02-05-08:00</ns2:SendDateTime>
  </ns2:NotificationEmail>
</ns2:getRecentNotificationsResponse>
```

Element: getRecentUploadedFilesRequest

Description

A getRecentUploadedFilesRequest message contains an element of getRecentUploadedFiles.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
SearchDays	int	0..1	Search days. The minimum value is 30 days and maximum value is 180 days. Default of 30 days is used if not provided. If SearchDays is less than 0 RequestValidationError is thrown.
OrganizationId	string	1..1	Organization ID.
includePkgVersions	boolean	0..1	Include Download Package versions. Indicates that file's Download Package version need to be returned. defaults to false.
includeCriticalUdf	boolean	0..1	Include critical Custom Attributes.
LocaleLanguage	language	0..1	Locale language of the file description.

Referenced By

Name	Type
getRecentUploadedFiles	Method

XML Example

The following XML fragment illustrates an getRecentUploadedFilesRequest message:

```
<esd:getRecentUploadedFilesRequest>
  <!--Optional:-->
  <esd:SearchDays>150</esd:SearchDays>
  <esd:OrganizationId>FlexQACustOrg1</esd:OrganizationId>
  <!--Optional:-->
  <esd:includePkgVersions>false</esd:includePkgVersions>
  <!--Optional:-->
  <esd:includeCriticalUdf>false</esd:includeCriticalUdf>
  <esd:Member>member@someorg.org</esd:Member>
</esd:getRecentUploadedFilesRequest>
```

Element: getRecentUploadedFilesResponse

Description

A getRecentUploadedFilesResponse message contains an element of getRecentUploadedFiles.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
CriticalUdfName	string	0..1	Critical Custom Attribute name. **Note:** When request's "includeCriticalUdf" flag is "true" and "ViewRecentUploadFiles.UDF.Critical" property is set for the partner, the value of this property is returned.
UploadedFile	UploadedFile	0..*	Uploaded files within the specified number of days. The number of days is a configurable value. The minimum value is 30 days and maximum value is 180 days.

Referenced By

Name	Type
getRecentUploadedFiles	Method

XML Example

The following XML fragment illustrates an getRecentUploadedFilesResponse message:

```
<ns2:getRecentUploadedFilesResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:UploadedFile>
    <ns2:File>
      <ns2:SystemFileId>5329433</ns2:SystemFileId>
      <ns2:FileName>File_05121501.txt</ns2:FileName>
      <ns2:Description>File_05121501</ns2:Description>
      <ns2:DownloadImageUpdateDate>2015-05-12-07:00</ns2:DownloadImageUpdateDate>
    </ns2:File>
  </ns2:UploadedFile>
</ns2:getRecentUploadedFilesResponse>
```

Element: GroupId [type DownloadableFilesGroup]

Description

Group ID.

Derived By

Type string

Referenced By

Name	Type
DownloadableFilesGroup	Complex Type

Definition

See DownloadableFilesGroup

Element: HasCompressedContent [type DownloadableFile]

Description

An array of flags indicating whether the files are compressed or not.

Derived By

Type boolean

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: HasDownloadablePackages [element checkDownloadPackagesResponse]

Description

An array of flags indicating whether corresponding activation IDs have downloadable packages or not. The array corresponds in size and order to the activation ids array, so each flag indicates whether the activation ID in the same position has Download Packages or not.

Derived By

Type boolean

Referenced By

Name	Type
checkDownloadPackagesResponse	Element

Definition

See checkDownloadPackagesResponse

Element: HasDownloadsRemaining [type DownloadableFile]

Description

An array of flags indicating whether corresponding activation IDs have downloadable packages or not.

Derived By

Type boolean

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: helmCommand [type ChartVersion]

Description

The command used to pull the Helm chart.

Derived By

Type HelmCommand

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
repositoryAddCommand	string	0..1	Repository add command.
pushDirectoryCommand	string	0..1	Push directory command.
pushTgzCommand	string	0..1	Push Tags Command.
pushWithProvenanceCommand	string	0..1	Push with provenance command.
pullCommand	string	0..1	Pull command.
installCommand	string	0..1	Install command.

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: home [type ChartVersion]

Description

Home.

Derived By

Type string

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: HTMLContent [type NotificationEmail]

Description

HTML content.

Derived By

Type string

Referenced By

Name	Type
NotificationEmail	Complex Type

Definition

See NotificationEmail

Element: icon [type Artifact]

Description

Icon.

Derived By

Type string

Referenced By

Name	Type
Artifact	Complex Type

Definition

See Artifact

Element: Id [type DownloadPackageReference]

Description

Package ID.

Derived By

Type string

Referenced By

Name	Type
DownloadPackage	Complex Type
DownloadPackageReference	Complex Type

Definition

See DownloadPackageReference

Element: Id [type UnknownIdError]

Description

ID.

Derived By

Type string

Referenced By

Name	Type
UnknownActivationIdError	Complex Type
UnknownDownloadLogError	Complex Type
UnknownDownloadPackageError	Complex Type
UnknownEmailError	Complex Type
UnknownFileError	Complex Type
UnknownIdError	Complex Type
UnknownOrganizationError	Complex Type
UnknownPrincipalError	Complex Type
UnknownProductLineError	Complex Type

Definition

See UnknownIdError

Element: IncidentId [type UnexpectedError]

Description

Incident ID.

Derived By

Type string

Referenced By

Name	Type
UnexpectedError	Complex Type

Definition

See UnexpectedError

Element: includeCriticalUdf [element getRecentUploadedFilesRequest]

Description

Include critical Custom Attributes.

Derived By

Type boolean

Referenced By

Name	Type
getRecentUploadedFilesRequest	Element

Definition

See getRecentUploadedFilesRequest

Element: IncludeDownloadedFiles [element getDownloadableFilesRequest]

Description

Flag indicating whether all files or only not downloaded files must be included in response.

Defaults to "true".

When the request is made on behalf of a user, it only includes files this user is entitled to. When the request is made per activation id, it includes files that a particular line item is entitled to.

Derived By

Type boolean

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: IncludeDownloadedFiles [element getFilesByDownloadPackagesRequest]

Description

Flag to include downloaded files.

Derived By

Type boolean

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: IncludeExternalFiles [element getDownloadableFilesRequest]

Description

Flag indicating whether the external files are downloadable or not.

Derived By

Type boolean

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: IncludeExternalFiles [element getFilesByDownloadPackagesRequest]

Description

Flag indicating whether the external files are downloadable or not.

Derived By

Type boolean

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: includePkgVersions [element getRecentUploadedFilesRequest]

Description

Include Download Package versions.

Indicates that file's Download Package version need to be returned. defaults to false.

Derived By

Type boolean

Referenced By

Name	Type
getRecentUploadedFilesRequest	Element

Definition

See getRecentUploadedFilesRequest

Element: IncludeRelatedProducts [element getDownloadPackageNotificationsRequest]

Description

Flag indicating whether to include packages sharing the same product line in the response.

Derived By

Type boolean

Referenced By

Name	Type
getDownloadPackageNotificationsRequest	Element

Definition

See getDownloadPackageNotificationsRequest

Element: installCommand [type HelmCommand]

Description

Install command.

Derived By

Type string

Referenced By

Name	Type
HelmCommand	Complex Type

Definition

See HelmCommand

Element: InvalidSearchQueryError

Description

Derived By

Type InvalidSearchQueryError

Referenced By

Name	Type
searchDownloadableFiles	Method
searchDownloadPackages	Method

Element: ipAddress [element getAllFilesForPackageRequest]

Description

IP Address of the requesting party. In case of a UI client, this is hopefully the UI browser's IP address.

Derived By

Type string

Referenced By

Name	Type
getAllFilesForPackageRequest	Element

Definition

See getAllFilesForPackageRequest

Element: ipAddress [element getDownloadableFilesRequest]

Description

IP Address of the requesting party. In case of a UI client, this is hopefully the UI browser's IP address.

Derived By

Type string

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: ipAddress [element getFilesByDownloadPackagesRequest]

Description

IP Address of the requesting party. In case of a UI client, this is hopefully the UI browser's IP address.

Derived By

Type string

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: IPAddress [type FileDownloadLog]

Description

IP address of the downloader.

Derived By

Type string

Referenced By

Name	Type
FileDownloadLog	Complex Type

Definition

See FileDownloadLog

Element: isCountQuery [element getDownloadPackagesByActivationIdsRequest]

Description

Get the total count for a particular criterion.

Derived By

Type boolean

Referenced By

Name	Type
getDownloadPackagesByActivationIdsRequest	Element

Definition

See getDownloadPackagesByActivationIdsRequest

Element: isCountQuery [element getFilesByDownloadPackagesRequest]

Description

Get the total count for a particular criterion.

Derived By

Type boolean

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: isCurrentVersion [type DownloadPackage]

Description

Flag indicating whether the version is current.

Derived By

Type boolean

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: isExpired [type DownloadPackage]

Description

A flag indication whether the Download Package is expired.

Derived By

Type boolean

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: IsFileSynced [type DownloadableFile]

Description

An array of flags indicating whether the files are synchronized with Akamai. 'Synchronized' means that the files have been copied to Akamai primary NetStorage.

Derived By

Type boolean

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: isRestricted [type DownloadPackage]

Description

A flag indication whether the Download Package is restricted or not.

Derived By

Type boolean

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: keywords [type ChartVersion]

Description

Keyword.

Derived By

Type string

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: LastName [type Member]

Description

Last name of the member.

Derived By

Type string

Referenced By

Name	Type
Member	Complex Type

Definition

See Member

Element: LocaleLanguage [element getDownloadableFilesRequest]

Description

Language of the file description.

Derived By

Type language

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: LocaleLanguage [element getDownloadedFilesLogRequest]

Description

Locale language of the file description.

Derived By

Type language

Referenced By

Name	Type
getDownloadedFilesLogRequest	Element

Definition

See getDownloadedFilesLogRequest

Element: LocaleLanguage [element getDownloadPackageNoticeDetailsRequest]

Description

Locale language of the email content

Derived By

Type language

Referenced By

Name	Type
getDownloadPackageNoticeDetailsRequest	Element

Definition

See getDownloadPackageNoticeDetailsRequest

Element: LocaleLanguage [element getDownloadPackageNotificationsRequest]

Description

Locale language of the email subject.

Derived By

Type language

Referenced By

Name	Type
getDownloadPackageNotificationsRequest	Element

Definition

See getDownloadPackageNotificationsRequest

Element: LocaleLanguage [element getDownloadPackagesRequest]

Description

Locale language of the Download Packages names and descriptions.

Derived By

Type language

Referenced By

Name	Type
getDownloadPackagesRequest	Element

Definition

See getDownloadPackagesRequest

Element: LocaleLanguage [element getFilesByDownloadPackagesRequest]

Description

Locale language of the file names and descriptions.

Derived By

Type language

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: LocaleLanguage [element getManufacturerProductLineRequest]

Description

Locale language of the product line names and descriptions.

Derived By

Type language

Referenced By

Name	Type
getManufacturerProductLineRequest	Element

Definition

See getManufacturerProductLineRequest

Element: LocaleLanguage [element getRecentDownloadPackagesRequest]

Description

Locale language of the Download Package names and descriptions.

Derived By

Type language

Referenced By

Name	Type
getRecentDownloadPackagesRequest	Element

Definition

See getRecentDownloadPackagesRequest

Element: LocaleLanguage [element getRecentNotificationsRequest]

Description

Locale language of the notification and descriptions.

Derived By

Type language

Referenced By

Name	Type
getRecentNotificationsRequest	Element

Definition

See getRecentNotificationsRequest

Element: LocaleLanguage [element getRecentUploadedFilesRequest]

Description

Locale language of the file description.

Derived By

Type language

Referenced By

Name	Type
getRecentUploadedFilesRequest	Element

Definition

See getRecentUploadedFilesRequest

Element: LocaleLanguage [element searchDownloadableFilesRequest]

Description

Locale Language of the file description.

Derived By

Type language

Referenced By

Name	Type
searchDownloadableFilesRequest	Element

Definition

See searchDownloadableFilesRequest

Element: LocaleLanguage [element searchDownloadPackagesRequest]

Description

Locale Language of the Download Package description.

Derived By

Type language

Referenced By

Name	Type
searchDownloadPackagesRequest	Element

Definition

See searchDownloadPackagesRequest

Element: loginCommand [type Tag]

Description

Login command.

Derived By

Type string

Referenced By

Name	Type
Tag	Complex Type

Definition

See Tag

Element: Maintainers [type ChartVersion]

Description

Maintainers of the chart version

Derived By

Type Maintainer

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	0..1	Maintainer name.
email	string	0..1	Email address of the maintainer.

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: ManufacturerId [type DownloadPackage]

Description

Manufacturer ID of the Download Package.

Derived By

Type ManufacturerReference

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: ManufacturerId [type Manufacturer]

Description

Manufacturer ID of the manufacturer.

Derived By

Type ManufacturerReference

Referenced By

Name	Type
Manufacturer	Complex Type

Definition

See Manufacturer

Element: ManufacturerName [type Manufacturer]

Description

Manufacturer name.

Derived By

Type string

Referenced By

Name	Type
Manufacturer	Complex Type

Definition

See Manufacturer

Element: Manufacturers [type Manufacturers]

Description

An array of manufacturers, each including its respective product lines.

Derived By

Type Manufacturer

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ManufacturerId	ManufacturerReference	1..1	Manufacturer ID of the manufacturer.
ManufacturerName	string	1..1	Manufacturer name.
ProductLines	ProductLine	1..*	An array of product lines (see the product line description below).

Referenced By

Name	Type
Manufacturers	Complex Type

Definition

See Manufacturers

Element: MassDownloadURL [type DownloadableFile]

Description

URL for mass download.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: MD5CheckSum [type DownloadableFile]

Description

File's md5 checksum.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: MediaAvailable [element getDownloadableFilesResponse]

Description

Media availablility of the downloadable files.

Derived By

Type boolean

Referenced By

Name	Type
getDownloadableFilesResponse	Element

Definition

See getDownloadableFilesResponse

Element: MediaAvailable [element getFilesByDownloadPackagesResponse]

Description

Media availablility of the downloadable files.

Derived By

Type boolean

Referenced By

Name	Type
getFilesByDownloadPackagesResponse	Element

Definition

See getFilesByDownloadPackagesResponse

Element: Member [type FileDownloadLog]

Description

Member info.

Derived By

Type Member

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Email	MemberReference	1..1	Email address of the member.
FirstName	string	1..1	First name of the member.
LastName	string	1..1	Last name of the member.
Title	string	1..1	Title of the member.
OrganizationId	string	0..1	Organization ID.

Referenced By

Name	Type
FileDownloadLog	Complex Type

Definition

See FileDownloadLog

Element: Member [type RequestByUser]

Description

User ID (email).

Derived By

Type string

Referenced By

Name	Type
RequestByPrincipal	Complex Type
RequestByUser	Complex Type
acceptComplianceAgreementRequest	Element
acceptEULARequest	Element
checkDownloadPackagesRequest	Element
getAllFilesForPackageRequest	Element
getDownloadableFilesRequest	Element
getDownloadedFilesLogRequest	Element
getDownloadLogRequest	Element
getDownloadPackageNoticeDetailsRequest	Element
getDownloadPackageNotificationsRequest	Element
getDownloadPackagesRequest	Element
getEntitledOrganizationsRequest	Element
getFileDownloadsRequest	Element
getFilesByDownloadPackagesRequest	Element
getManufacturerProductLineRequest	Element
getNotDownloadedFilesRequest	Element
getRecentDownloadPackagesRequest	Element
getRecentNotificationsRequest	Element
getRecentUploadedFilesRequest	Element
searchDownloadableFilesRequest	Element
searchDownloadPackagesRequest	Element

Definition

See RequestByUser

Element: message [type RegistryServiceError]

Description

Message.

Derived By

Type string

Referenced By

Name	Type
RegistryServiceError	Complex Type

Definition

See RegistryServiceError

Element: Message [type RequestValidationError]

Description

Message.

Derived By

Type string

Referenced By

Name	Type
RequestValidationError	Complex Type

Definition

See RequestValidationError

Element: name [type Chart]

Description

Chart name.

Derived By

Type string

Referenced By

Name	Type
Chart	Complex Type

Definition

See Chart

Element: name [type ChartVersion]

Description

Chart name.

Derived By

Type string

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: name [type Maintainer]

Description

Maintainer name.

Derived By

Type string

Referenced By

Name	Type
Maintainer	Complex Type

Definition

See Maintainer

Element: name [type Repository]

Description

Repository name.

Derived By

Type string

Referenced By

Name	Type
Repository	Complex Type

Definition

See Repository

Element: name [type Tag]

Description

Tag name.

Derived By

Type string

Referenced By

Name	Type
Tag	Complex Type

Definition

See Tag

Element: NetStorageLocation [element getAllFilesForPackageRequest]

Description

Net storage location.

Derived By

Type string

Referenced By

Name	Type
getAllFilesForPackageRequest	Element

Definition

See getAllFilesForPackageRequest

Element: NetStorageLocation [element getDownloadableFilesRequest]

Description

Net storage location.

Derived By

Type string

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: NetStorageLocation [element getFilesByDownloadPackagesRequest]

Description

Net storage location.

Derived By

Type string

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: NonDownloadableReason [type DownloadableFile]

Description

If file is not downloadable, the reason.

Derived By

Type NonDownloadableReason

Enumeration

Value	Description
LIMIT_REACHED	
NOT_AVAILABLE	
NOT_ALLOWED	

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: NotificationEmail [element getDownloadPackageNoticeDetailsResponse]

Description

Notification Email.

Derived By

Type NotificationEmail

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SystemEmailId	positiveInteger	1..1	System email ID.
Subject	string	0..1	Subject of the notification email.
SendDateTime	date	0..1	Send date and time of the notification email.
TextContent	string	0..1	Text content.
HTMLContent	string	0..1	HTML content.

Referenced By

Name	Type
getDownloadPackageNoticeDetailsResponse	Element

Definition

See getDownloadPackageNoticeDetailsResponse

Element: NotificationEmail [element getDownloadPackageNotificationsResponse]

Description

Notification Email.

Derived By

Type NotificationEmail

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SystemEmailId	positiveInteger	1..1	System email ID.
Subject	string	0..1	Subject of the notification email.
SendDateTime	date	0..1	Send date and time of the notification email.
TextContent	string	0..1	Text content.
HTMLContent	string	0..1	HTML content.

Referenced By

Name	Type
getDownloadPackageNotificationsResponse	Element

Definition

See getDownloadPackageNotificationsResponse

Element: NotificationEmail [element getRecentNotificationsResponse]

Description

Notification Email.

Derived By

Type NotificationEmail

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SystemEmailId	positiveInteger	1..1	System email ID.
Subject	string	0..1	Subject of the notification email.
SendDateTime	date	0..1	Send date and time of the notification email.
TextContent	string	0..1	Text content.
HTMLContent	string	0..1	HTML content.

Referenced By

Name	Type
getRecentNotificationsResponse	Element

Definition

See getRecentNotificationsResponse

Element: OrderBy [element getDownloadableFilesRequest]

Description

Sort order of files in the response.

Derived By

Type DownloadableFileOrderBy

Enumeration

Value	Description
Description	Descrption.
FileName	File name.
FileAdded	File added.
FileSize	File size.

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: OrderBy [element getDownloadableFilesResponse]

Description

Sort order of files in the response.

Derived By

Type DownloadableFileOrderBy

Enumeration

Value	Description
Description	Descrption.
FileName	File name.
FileAdded	File added.
FileSize	File size.

Referenced By

Name	Type
getDownloadableFilesResponse	Element

Definition

See getDownloadableFilesResponse

Element: OrderBy [element getDownloadPackagesRequest]

Description

Sort order of files in the response.

Derived By

Type DownloadPackageOrderBy

Enumeration

Value	Description
Version	
EffectiveDate	

Referenced By

Name	Type
getDownloadPackagesRequest	Element

Definition

See getDownloadPackagesRequest

Element: OrderBy [element getFilesByDownloadPackagesResponse]

Description

Sort order of files in the response.

Derived By

Type DownloadableFileOrderBy

Enumeration

Value	Description
Description	Descrption.
FileName	File name.
FileAdded	File added.
FileSize	File size.

Referenced By

Name	Type
getFilesByDownloadPackagesResponse	Element

Definition

See getFilesByDownloadPackagesResponse

Element: OrderBy [element getRecentNotificationsRequest]

Description

Result sorting order. When not provided, SENTDATE is used.

Derived By

Type NotificationsOrderBy

Enumeration

Value	Description
SUBJECT	
SENTDATE	

Referenced By

Name	Type
getRecentNotificationsRequest	Element

Definition

See getRecentNotificationsRequest

Element: OrderBy [element searchDownloadableFilesRequest]

Description

Results sorting order. When value is not provided, results are ordered by relevance to the search string.

Derived By

Type SearchResultsOrderBy

Enumeration

Value	Description
eff_date	
relevance	

Referenced By

Name	Type
searchDownloadableFilesRequest	Element

Definition

See searchDownloadableFilesRequest

Element: OrderBy [element searchDownloadPackagesRequest]

Description

Results sorting order. When value is not provided, results are ordered by relevance to the search string.

Derived By

Type SearchResultsOrderBy

Enumeration

Value	Description
eff_date	
relevance	

Referenced By

Name	Type
searchDownloadPackagesRequest	Element

Definition

See searchDownloadPackagesRequest

Element: OrderCDDownloadCount [type DownloadableFile]

Description

The number of the file's media orders.

Derived By

Type int

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: OrganizationCountryName [element getDownloadableFilesRequest]

Description

Country name of an organization.

Derived By

Type string

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: OrganizationCountryName [element getFilesByDownloadPackagesRequest]

Description

Country name of an organization.

Derived By

Type string

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: OrganizationId [element acceptComplianceAgreementRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
acceptComplianceAgreementRequest	Element

Definition

See acceptComplianceAgreementRequest

Element: OrganizationId [element acceptEULARequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
acceptEULARequest	Element

Definition

See acceptEULARequest

Element: OrganizationId [element getComplianceAgreementRequest]

Description

lOrganization ID.

Derived By

Type string

Referenced By

Name	Type
getComplianceAgreementRequest	Element

Definition

See getComplianceAgreementRequest

Element: OrganizationId [element getDownloadableFilesRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: OrganizationId [element getDownloadedFilesLogRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadedFilesLogRequest	Element

Definition

See getDownloadedFilesLogRequest

Element: OrganizationId [element getDownloadLogRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadLogRequest	Element

Definition

See getDownloadLogRequest

Element: OrganizationId [element getDownloadPackageInfoRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadPackageInfoRequest	Element

Definition

See getDownloadPackageInfoRequest

Element: OrganizationId [element getDownloadPackageNoticeDetailsRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadPackageNoticeDetailsRequest	Element

Definition

See getDownloadPackageNoticeDetailsRequest

Element: OrganizationId [element getDownloadPackageNotificationsRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadPackageNotificationsRequest	Element

Definition

See getDownloadPackageNotificationsRequest

Element: OrganizationId [element getDownloadPackagesByActivationIdsRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getDownloadPackagesByActivationIdsRequest	Element

Definition

See getDownloadPackagesByActivationIdsRequest

Element: OrganizationId [element getDownloadPackagesRequest]

Description

An array of one or more organization IDs.

Derived By

Type string

Referenced By

Name	Type
getDownloadPackagesRequest	Element

Definition

See getDownloadPackagesRequest

Element: OrganizationId [element getEULARequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getEULARequest	Element

Definition

See getEULARequest

Element: OrganizationId [element getFileDownloadsRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getFileDownloadsRequest	Element

Definition

See getFileDownloadsRequest

Element: OrganizationId [element getFilesByDownloadPackagesRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: OrganizationId [element getManufacturerProductLineRequest]

Description

An array of organization IDs. If the array of organizations is not provided, all organizations the user is a member of are used

Derived By

Type string

Referenced By

Name	Type
getManufacturerProductLineRequest	Element

Definition

See getManufacturerProductLineRequest

Element: OrganizationId [element getNotDownloadedFilesRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getNotDownloadedFilesRequest	Element

Definition

See getNotDownloadedFilesRequest

Element: OrganizationId [element getRecentDownloadPackagesRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getRecentDownloadPackagesRequest	Element

Definition

See getRecentDownloadPackagesRequest

Element: OrganizationId [element getRecentNotificationsRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getRecentNotificationsRequest	Element

Definition

See getRecentNotificationsRequest

Element: OrganizationId [element getRecentUploadedFilesRequest]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
getRecentUploadedFilesRequest	Element

Definition

See getRecentUploadedFilesRequest

Element: OrganizationId [type Member]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
Member	Complex Type

Definition

See Member

Element: OrganizationId [type ProductLine]

Description

Optional array of IDs of organizations entitled to this product line.

Derived By

Type string

Referenced By

Name	Type
ProductLine	Complex Type

Definition

See ProductLine

Element: OrganizationId [type SearchQuery]

Description

Organization ID.

Derived By

Type string

Referenced By

Name	Type
SearchQuery	Complex Type

Definition

See SearchQuery

Element: OrganizationReference [element getEntitledOrganizationsRequest]

Description

Organization Reference.

Derived By

Type OrganizationReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
OrgId	string	1..1	Organization ID. If organization ID is not provided, all entitled organizations are returned.
OrgName	string	1..1	Organization name.

Referenced By

Name	Type
getEntitledOrganizationsRequest	Element

Definition

See getEntitledOrganizationsRequest

Element: OrganizationReference [element getEntitledOrganizationsResponse]

Description

Organization Reference.

Derived By

Type OrganizationReference

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
OrgId	string	1..1	Organization ID. If organization ID is not provided, all entitled organizations are returned.
OrgName	string	1..1	Organization name.

Referenced By

Name	Type
getEntitledOrganizationsResponse	Element

Definition

See getEntitledOrganizationsResponse

Element: OrganizationRegionName [element getDownloadableFilesRequest]

Description

Region name of an organization.

Derived By

Type string

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: OrganizationRegionName [element getFilesByDownloadPackagesRequest]

Description

Region name of an organization.

Derived By

Type string

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: OrgId [type OrganizationReference]

Description

Organization ID. If organization ID is not provided, all entitled organizations are returned.

Derived By

Type string

Referenced By

Name	Type
OrganizationReference	Complex Type

Definition

See OrganizationReference

Element: OrgName [type OrganizationReference]

Description

Organization name.

Derived By

Type string

Referenced By

Name	Type
OrganizationReference	Complex Type

Definition

See OrganizationReference

Element: owner [element getImagesAndChartsResponse]

Description

Owner.

Derived By

Type boolean

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: PackageVersion [type UploadedFile]

Description

Package version. PackageVersion is only set if "includePkgVersions" flag was "true" in the request.

Derived By

Type string

Referenced By

Name	Type
UploadedFile	Complex Type

Definition

See UploadedFile

Element: page [type RepositoryRequestParam]

Description

Page.

Derived By

Type long

Referenced By

Name	Type
RepositoryRequestParam	Complex Type

Definition

See RepositoryRequestParam

Element: PageNumber [element getDownloadPackagesByActivationIdsRequest]

Description

Pagination attributes.

Derived By

Type integer

Referenced By

Name	Type
getDownloadPackagesByActivationIdsRequest	Element

Definition

See getDownloadPackagesByActivationIdsRequest

Element: PageNumber [element getFilesByDownloadPackagesRequest]

Description

Pagination attributes.

Derived By

Type integer

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: pageSize [type RepositoryRequestParam]

Description

Page size.

Derived By

Type long

Referenced By

Name	Type
RepositoryRequestParam	Complex Type

Definition

See RepositoryRequestParam

Element: PartnerCode [type DownloadPackage]

Description

Tenant code.

Derived By

Type string

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: ProductChart [element getManufacturerProductLineResponse]

Description

An array of manufacturers, each including its respective product lines.

Derived By

Type ProductChartLevel

Referenced By

Name	Type
getManufacturerProductLineResponse	Element

Definition

See getManufacturerProductLineResponse

Element: ProductChart [element getNotDownloadedFilesResponse]

Description

Product chart.

Derived By

Type ProductChartLevel

Referenced By

Name	Type
getNotDownloadedFilesResponse	Element

Definition

See getNotDownloadedFilesResponse

Element: productLine [element getImagesAndChartsResponse]

Description

Product line.

Derived By

Type string

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: ProductLineDescr [type ProductLine]

Description

Product line description, language dependent (defaults to English if requested language is not present).

Derived By

Type string

Referenced By

Name	Type
ProductLine	Complex Type

Definition

See ProductLine

Element: ProductLineId [type DownloadPackage]

Description

Product line ID.

Derived By

Type ProductLineReference

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: ProductLineId [type ProductLine]

Description

Product line ID.

Derived By

Type ProductLineReference

Referenced By

Name	Type
ProductLine	Complex Type

Definition

See ProductLine

Element: ProductLineName [type ProductLine]

Description

Product line name.

Derived By

Type string

Referenced By

Name	Type
ProductLine	Complex Type

Definition

See ProductLine

Element: ProductLineReference [element getDownloadPackagesRequest]

Description

Product line reference.

When Member property is supplied, either product line id or activation id must be supplied, but not both.

Derived By

Type ProductLineReference

Referenced By

Name	Type
getDownloadPackagesRequest	Element

Definition

See getDownloadPackagesRequest

Element: ProductLineReference [type DownloadableFile]

Description

Product line ID.

Derived By

Type ProductLineReference

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: ProductLines [type Manufacturer]

Description

An array of product lines (see the product line description below).

Derived By

Type ProductLine

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductLineId	ProductLineReference	1..1	Product line ID.
ProductLineName	string	1..1	Product line name.
ProductLineDescr	string	1..1	Product line description, language dependent (defaults to English if requested language is not present).
OrganizationId	string	0..*	Optional array of IDs of organizations entitled to this product line.
DownloadPackageVersions	DownloadPackageVersion	0..*	Download Package versions.

Referenced By

Name	Type
Manufacturer	Complex Type

Definition

See Manufacturer

Element: ProductLines [type ProductLines]

Description

An array of product lines (see the product line description below).

Derived By

Type ProductLine

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ProductLineId	ProductLineReference	1..1	Product line ID.
ProductLineName	string	1..1	Product line name.
ProductLineDescr	string	1..1	Product line description, language dependent (defaults to English if requested language is not present).
OrganizationId	string	0..*	Optional array of IDs of organizations entitled to this product line.
DownloadPackageVersions	DownloadPackageVersion	0..*	Download Package versions.

Referenced By

Name	Type
ProductLines	Complex Type

Definition

See ProductLines

Element: pullCommand [type HelmCommand]

Description

Pull command.

Derived By

Type string

Referenced By

Name	Type
HelmCommand	Complex Type

Definition

See HelmCommand

Element: pullCommand [type Tag]

Description

Pull command.

Derived By

Type string

Referenced By

Name	Type
Tag	Complex Type

Definition

See Tag

Element: pullCount [type Repository]

Description

Pull count.

Derived By

Type long

Referenced By

Name	Type
Repository	Complex Type

Definition

See Repository

Element: pullTime [type Artifact]

Description

Pull time.

Derived By

Type string

Referenced By

Name	Type
Artifact	Complex Type

Definition

See Artifact

Element: pushCommand [type Tag]

Description

Push command.

Derived By

Type string

Referenced By

Name	Type
Tag	Complex Type

Definition

See Tag

Element: pushDirectoryCommand [type HelmCommand]

Description

Push directory command.

Derived By

Type string

Referenced By

Name	Type
HelmCommand	Complex Type

Definition

See HelmCommand

Element: pushTgzCommand [type HelmCommand]

Description

Push Tags Command.

Derived By

Type string

Referenced By

Name	Type
HelmCommand	Complex Type

Definition

See HelmCommand

Element: pushTime [type Artifact]

Description

Push time of the artifact.

Derived By

Type string

Referenced By

Name	Type
Artifact	Complex Type

Definition

See Artifact

Element: pushWithProvenanceCommand [type HelmCommand]

Description

Push with provenance command.

Derived By

Type string

Referenced By

Name	Type
HelmCommand	Complex Type

Definition

See HelmCommand

Element: q [type ArtifactRequestParam]

Description

Queue.

Derived By

Type string

Referenced By

Name	Type
ArtifactRequestParam	Complex Type

Definition

See ArtifactRequestParam

Element: q [type RepositoryRequestParam]

Description

Queue.

Derived By

Type string

Referenced By

Name	Type
RepositoryRequestParam	Complex Type

Definition

See RepositoryRequestParam

Element: Query [element searchDownloadableFilesRequest]

Description

See SearchQuery.

Derived By

Type SearchQuery

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Query	string	1..1	Search query.
OrganizationId	string	1..1	Organization ID.
StartOffset	int	0..1	Index of first result starting with 0 (for pagination). StartOffset defaults to 0.
ResultSetSize	int	0..1	Number of results in the response (for pagination). ResultSetSize defaults to 1.

Referenced By

Name	Type
searchDownloadableFilesRequest	Element

Definition

See searchDownloadableFilesRequest

Element: Query [element searchDownloadPackagesRequest]

Description

See SearchQuery.

Derived By

Type SearchQuery

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Query	string	1..1	Search query.
OrganizationId	string	1..1	Organization ID.
StartOffset	int	0..1	Index of first result starting with 0 (for pagination). StartOffset defaults to 0.
ResultSetSize	int	0..1	Number of results in the response (for pagination). ResultSetSize defaults to 1.

Referenced By

Name	Type
searchDownloadPackagesRequest	Element

Definition

See searchDownloadPackagesRequest

Element: Query [type SearchQuery]

Description

Search query.

Derived By

Type string

Referenced By

Name	Type
SearchQuery	Complex Type

Definition

See SearchQuery

Element: RegistryServiceError

Description

Derived By

Type RegistryServiceError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
timestamp	string	1..1	Timestamp representing the date and time that the registry service error was thrown.
status	string	1..1	Status of registry service error.
message	string	1..1	Message.
details	string	1..1	Registery service error details.
debugMsg	string	1..1	Debug message.

Referenced By

Name	Type
getImagesAndCharts	Method

Element: releaseGroup [element getImagesAndChartsResponse]

Description

Release group of the images and charts.

Derived By

Type string

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: Repositories [element getImagesAndChartsResponse]

Description

Repositories of the images and charts.

Derived By

Type Repository

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	0..1	Repository name.
description	string	0..1	Description for the repository.
pullCount	long	0..1	Pull count.
updateTime	string	0..1	Update time.
creationTime	string	0..1	Creation time.
artifactCount	long	0..1	Artifact count.
Artifacts	Artifact	1..*	An artifact pushed to a registry for a Download Package that supports Software Container Delivery. Possible artifacts are Docker images and Helm charts.

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: repositoryAddCommand [type HelmCommand]

Description

Repository add command.

Derived By

Type string

Referenced By

Name	Type
HelmCommand	Complex Type

Definition

See HelmCommand

Element: RepositoryRequestParam [element getImagesAndChartsRequest]

Description

Repository request param.

Derived By

Type RepositoryRequestParam

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
q	string	0..1	Queue.
page	long	0..1	Page.
pageSize	long	0..1	Page size.

Referenced By

Name	Type
getImagesAndChartsRequest	Element

Definition

See getImagesAndChartsRequest

Element: RequestValidationError

Description

Request validation error.

Derived By

Type RequestValidationError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Message	string	1..*	Message.

Referenced By

Name	Type
acceptComplianceAgreement	Method
acceptEULA	Method
checkDownloadPackages	Method
getAllFilesForPackage	Method
getComplianceAgreement	Method
getContent	Method
getDownloadableFiles	Method
getDownloadedFilesLog	Method
getDownloadLog	Method
getDownloadPackageByDownloadPackageId	Method
getDownloadPackageNoticeDetails	Method
getDownloadPackageNotifications	Method
getDownloadPackages	Method
getDownloadPackagesByActivationIds	Method
getEntitledOrganizations	Method
getEULA	Method
getFileDownloads	Method
getFilesByDownloadPackages	Method
getImagesAndCharts	Method
getManufacturerProductLine	Method
getNotDownloadedFiles	Method

Referenced By

Name	Type
getRecentDownloadPackages	Method
getRecentNotifications	Method
getRecentUploadedFiles	Method
searchDownloadableFiles	Method
searchDownloadPackages	Method

Element: restrictedDownloadPackage [element getImagesAndChartsResponse]

Description

Restricting access to a Download Package.

Derived By

Type boolean

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: RestrictedPackageDistributionError

Description

Restricted package distribution error.

Derived By

Type RestrictedPackageDistributionError

Referenced By

Name	Type
getDownloadableFiles	Method
getFilesByDownloadPackages	Method

Element: ResultSetSize [element getFileDownloadsRequest]

Description

Number of results in the response (for pagination).

ResultSetSize defaults to 1.

Derived By

Type int

Referenced By

Name	Type
getFileDownloadsRequest	Element

Definition

See getFileDownloadsRequest

Element: ResultSetSize [element getRecentNotificationsRequest]

Description

Number of results in the response (for pagination).

ResultSetSize defaults to 1.

Derived By

Type int

Referenced By

Name	Type
getRecentNotificationsRequest	Element

Definition

See getRecentNotificationsRequest

Element: ResultSetSize [type SearchQuery]

Description

Number of results in the response (for pagination).

ResultSetSize defaults to 1.

Derived By

Type int

Referenced By

Name	Type
SearchQuery	Complex Type

Definition

See SearchQuery

Element: score [type Chart]

Description

Chart score.

Derived By

Type integer

Referenced By

Name	Type
Chart	Complex Type

Definition

See Chart

Element: SearchBy [type DownloadPackageQueryParameters]

Description

Search the Download Package by,

- searchKey - The possible search keys are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME.

  Note: The Download Package can be searched using these search keys with Availability as Current.

- searchValue

Derived By

Type SimpleSearchQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
searchKey	SimpleSearchKey	1..1	The search keys to search the Download Pakage are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME. **Note:** The Download Package can be searched using these search keys with Availability as Current.
searchValue	string	1..1	Pass values in the format of %valueTosearchFor%, %valueTosearchFor, valueTosearchFor%

Referenced By

Name	Type
DownloadPackageQueryParameters	Complex Type

Definition

See DownloadPackageQueryParameters

Element: SearchBy [type FilesQueryParameters]

Description

Search the files by,

- searchKey - The possible search keys are FILE_DESC and FILE_NAME.
  Note: The files can be searched using these search keys with Availability as Current.
- searchValue
- Availability - It defaults to Current

Derived By

Type FilesSearchQueryType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
searchKey	FilesSearchKey	1..1	Search downloads with the following two search keys with availability as current: • FILE_DESC • FILE_NAME
searchValue	string	1..1	Pass values in the format of %valueTosearchFor%, %valueTosearchFor, valueTosearchFor%.

Referenced By

Name	Type
FilesQueryParameters	Complex Type

Definition

See FilesQueryParameters

Element: SearchDays [element getRecentDownloadPackagesRequest]

Description

Search days. The minimum value is 30 days and maximum value is 180 days. Default of 30 days is used if not provided. If SearchDays is less than 0 RequestValidationError is thrown.

Derived By

Type int

Referenced By

Name	Type
getRecentDownloadPackagesRequest	Element

Definition

See getRecentDownloadPackagesRequest

Element: SearchDays [element getRecentNotificationsRequest]

Description

Search days. The minimum value is 30 days and maximum value is 180 days. Default of 30 days is used if not provided. If SearchDays is less than 0 RequestValidationError is thrown.

Derived By

Type int

Referenced By

Name	Type
getRecentNotificationsRequest	Element

Definition

See getRecentNotificationsRequest

Element: SearchDays [element getRecentUploadedFilesRequest]

Description

Search days. The minimum value is 30 days and maximum value is 180 days. Default of 30 days is used if not provided. If SearchDays is less than 0 RequestValidationError is thrown.

Derived By

Type int

Referenced By

Name	Type
getRecentUploadedFilesRequest	Element

Definition

See getRecentUploadedFilesRequest

Element: searchDownloadableFilesRequest

Description

A searchDownloadableFilesRequest message contains an element of searchDownloadableFiles.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
Query	SearchQuery	1..1	See SearchQuery.
OrderBy	SearchResultsOrderBy	0..1	Results sorting order. When value is not provided, results are ordered by relevance to the search string.
LocaleLanguage	language	0..1	Locale Language of the file description.

Referenced By

Name	Type
searchDownloadableFiles	Method

XML Example

The following XML fragment illustrates an searchDownloadableFilesRequest message:

```
<esd:searchDownloadableFilesRequest>
  <esd:Member>member@someorg.org</esd:Member>
   <esd:Query>          <esd:Query>AS*</esd:Query>
     <esd:OrganizationId>MYORG</esd:OrganizationId>
      <!--Optional:-->
     <esd:StartOffset>0</esd:StartOffset>
     <!--Optional:-->
     <esd:ResultSetSize>1</esd:ResultSetSize>
   </esd:Query>
 </esd:searchDownloadableFilesRequest>
```

Element: searchDownloadableFilesResponse

Description

A searchDownloadableFilesResponse message contains an element of searchDownloadableFiles.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
File	DownloadableFile	0..*	File • system id • file name • description • file update date
TotalMatches	int	1..1	Total matches count. Number of all matches found in the index. Might be greater than the number of results returned.

Referenced By

Name	Type
searchDownloadableFiles	Method

XML Example

The following XML fragment illustrates an searchDownloadableFilesResponse message:

```
<ns2:searchDownloadableFilesResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:File>
    <ns2:FileId>AS_File_09043</ns2:FileId>
    <ns2:SystemFileId>5375153</ns2:SystemFileId>
    <ns2:FileName>AS_File_09043.txt</ns2:FileName>
    <ns2:Description>AS_File_09043</ns2:Description>
    <ns2:DownloadPackageReference>
      <ns2:Id>AS_DP_09043</ns2:Id>
    </ns2:DownloadPackageReference>
    <ns2:DownloadImageUpdateDate>2015-09-04-07:00</ns2:DownloadImageUpdateDate>
  </ns2:File>
  <ns2:TotalMatches>1</ns2:TotalMatches>
</ns2:searchDownloadableFilesResponse>
```

Element: searchDownloadPackagesRequest

Description

A searchDownloadPackagesRequest message contains an element of searchDownloadPackages.

Derived By

Extending RequestByPrincipal

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Member	string	0..1	User ID (email).
EntitlementId	string	0..1	Entitlement ID.
ActivationId	string	0..1	Activation ID.
Query	SearchQuery	1..1	See SearchQuery.
OrderBy	SearchResultsOrderBy	0..1	Results sorting order. When value is not provided, results are ordered by relevance to the search string.
LocaleLanguage	language	0..1	Locale Language of the Download Package description.

Referenced By

Name	Type
searchDownloadPackages	Method

XML Example

The following XML fragment illustrates an searchDownloadPackagesRequest message:

```
<esd:searchDownloadPackagesRequest>
  <!--Optional:-->
  <esd:Member>member@someorg.org</esd:Member>
  <esd:Query>
    <esd:Query>A*</esd:Query>
  <esd:OrganizationId>MYORG</esd:OrganizationId>
    <!--Optional:-->
    <esd:StartOffset>0</esd:StartOffset>
    <!--Optional:-->
    <esd:ResultSetSize>1</esd:ResultSetSize>
  </esd:Query>
  <!--Optional:-->
  <esd:OrderBy>?</esd:OrderBy>
</esd:searchDownloadPackagesRequest>
```

Element: searchDownloadPackagesResponse

Description

A searchDownloadPackagesResponse message contains an element of searchDownloadPackages.

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackage	DownloadPackage	0..*	The identifiers for a Download Package.
TotalMatches	int	1..1	Total matches count. Number of all matches found in the index. Might be greater than the number of results returned.

Referenced By

Name	Type
searchDownloadPackages	Method

XML Example

The following XML fragment illustrates an searchDownloadPackagesResponse message:

```
<ns2:searchDownloadPackagesResponse xmlns:ns2="http://esdservice.esd.flexerasoftware.com">
  <ns2:DownloadPackage>
    <ns2:Id>AS_DP_09043</ns2:Id>
    <ns2:Description>AS_DP_09043</ns2:Description>
    <ns2:EffectiveDate>2015-09-04-07:00</ns2:EffectiveDate>
  </ns2:DownloadPackage>
  <ns2:TotalMatches>1</ns2:TotalMatches>
</ns2:searchDownloadPackagesResponse>
    <!--Optional:-->
    <esd:StartOffset>0</esd:StartOffset>
    <!--Optional:-->
    <esd:ResultSetSize>1</esd:ResultSetSize>
  </esd:Query>
  <!--Optional:-->
  <esd:OrderBy>?</esd:OrderBy>
</esd:searchDownloadPackagesRequest>
```

Element: searchKey [type FilesSearchQueryType]

Description

Search downloads with the following two search keys with availability as current:

- FILE_DESC
- FILE_NAME

Derived By

Type FilesSearchKey

Enumeration

Value	Description
FILE_DESC	
FILE_NAME	

Referenced By

Name	Type
FilesSearchQueryType	Complex Type

Definition

See FilesSearchQueryType

Element: searchKey [type SimpleSearchQueryType]

Description

The search keys to search the Download Pakage are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME.

Note: The Download Package can be searched using these search keys with Availability as Current.

Derived By

Type SimpleSearchKey

Enumeration

Value	Description
DOWNLOADPACKAGE_ID	
DOWNLOADPACKAGE_NAME	

Referenced By

Name	Type
SimpleSearchQueryType	Complex Type

Definition

See SimpleSearchQueryType

Element: searchValue [type FilesSearchQueryType]

Description

Pass values in the format of %valueTosearchFor%, %valueTosearchFor, valueTosearchFor%.

Derived By

Type string

Referenced By

Name	Type
FilesSearchQueryType	Complex Type

Definition

See FilesSearchQueryType

Element: searchValue [type SimpleSearchQueryType]

Description

Pass values in the format of %valueTosearchFor%, %valueTosearchFor, valueTosearchFor%

Derived By

Type string

Referenced By

Name	Type
SimpleSearchQueryType	Complex Type

Definition

See SimpleSearchQueryType

Element: SendDateTime [type NotificationEmail]

Description

Send date and time of the notification email.

Derived By

Type date

Referenced By

Name	Type
NotificationEmail	Complex Type

Definition

See NotificationEmail

Element: SHA256CheckSum [type DownloadableFile]

Description

File's sha256 checksum.

Derived By

Type string

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: size [type Artifact]

Description

Size of the artifact.

Derived By

Type long

Referenced By

Name	Type
Artifact	Complex Type

Definition

See Artifact

Element: SortBy [element getDownloadPackagesByActivationIdsRequest]

Description

Sort the Download Package by,

- SortKey - The possible sort keys are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME.
- Ascending

Derived By

Type DownloadPackageSortBy

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SortKey	DownloadPackageSortKey	1..1	The sort keys to sort the Download Package are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME.
Ascending	boolean	1..1	Flag indicating whether files in the Download Package are sorted in ascending order.

Referenced By

Name	Type
getDownloadPackagesByActivationIdsRequest	Element

Definition

See getDownloadPackagesByActivationIdsRequest

Element: SortBy [element getFilesByDownloadPackagesRequest]

Description

Sort the downloadby,

- SortKey - The possible sort keys are FILE_DESC and FILE_NAME.
- Ascending

Derived By

Type FilesSortBy

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
SortKey	FilesSortKey	1..1	The sort keys to sort the downloads are FILE_DESC and FILE_NAME.
Ascending	boolean	1..1	Flag indicating whether files are sorted in ascending order.

Referenced By

Name	Type
getFilesByDownloadPackagesRequest	Element

Definition

See getFilesByDownloadPackagesRequest

Element: SortKey [type DownloadPackageSortBy]

Description

The sort keys to sort the Download Package are DOWNLOADPACKAGE_ID and DOWNLOADPACKAGE_NAME.

Derived By

Type DownloadPackageSortKey

Enumeration

Value	Description
DOWNLOADPACKAGE_ID	
DOWNLOADPACKAGE_NAME	
PRODUCT_LINE	
DATE_MODIFIED	

Referenced By

Name	Type
DownloadPackageSortBy	Complex Type

Definition

See DownloadPackageSortBy

Element: SortKey [type FilesSortBy]

Description

The sort keys to sort the downloads are FILE_DESC and FILE_NAME.

Derived By

Type FilesSortKey

Enumeration

Value	Description
FILE_ADDED	
FILE_NAME	
FILE_SIZE	

Referenced By

Name	Type
FilesSortBy	Complex Type

Definition

See FilesSortBy

Element: StartDateTime [type FileDownloadLog]

Description

The start date and time of file download log.

Derived By

Type dateTime

Referenced By

Name	Type
FileDownloadLog	Complex Type

Definition

See FileDownloadLog

Element: StartOffset [element getFileDownloadsRequest]

Description

Index of the first result starting with 0 (for pagination).

StartOffset defaults to 0.

Derived By

Type int

Referenced By

Name	Type
getFileDownloadsRequest	Element

Definition

See getFileDownloadsRequest

Element: StartOffset [element getRecentNotificationsRequest]

Description

Index of first result starting with 0 (for pagination).

StartOffset defaults to 0.

Derived By

Type int

Referenced By

Name	Type
getRecentNotificationsRequest	Element

Definition

See getRecentNotificationsRequest

Element: StartOffset [type SearchQuery]

Description

Index of first result starting with 0 (for pagination).

StartOffset defaults to 0.

Derived By

Type int

Referenced By

Name	Type
SearchQuery	Complex Type

Definition

See SearchQuery

Element: status [type RegistryServiceError]

Description

Status of registry service error.

Derived By

Type string

Referenced By

Name	Type
RegistryServiceError	Complex Type

Definition

See RegistryServiceError

Element: StatusCode [type DownloadableFile]

Description

Status codes of the downloadable file are:

- **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to).
- **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed.
- **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File).
- **DELETED** - the File is deleted from the repository and is not available for customers to download.

Derived By

Type FileStatusCode

Enumeration

Value	Description
ARCHIVE	
DELETED	
LOADED	
NOT_LOADED	

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: StatusCode [type DownloadPackage]

Description

Status codes of the Download Package file are:

- **LOADED** - the File was loaded to the repository and is available for customers to download (provided the File is properly associated to Product s and Catalog Items that the customer is entitled to).
- **NOT_LOADED** - the File has NOT been loaded, or the Upload process has not yet completed.
- **ARCHIVE** - the File is archived by Flexera and is available for download on request (File candidates for archiving are based on the age of File and whether there are any customers entitled to the File).
- **DELETED** - the File is deleted from the repository and is not available for customers to download.

Derived By

Type string

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: Subject [type NotificationEmail]

Description

Subject of the notification email.

Derived By

Type string

Referenced By

Name	Type
NotificationEmail	Complex Type

Definition

See NotificationEmail

Element: sysDownloadPackageId [element getImagesAndChartsResponse]

Description

Download Package ID of the system.

Derived By

Type long

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: SystemEmailId [type EmailReference]

Description

System email ID.

Derived By

Type positiveInteger

Restrictions

- The value must be greater than or equal to 1.

Referenced By

Name	Type
EmailReference	Complex Type
NotificationEmail	Complex Type

Definition

See EmailReference

Element: SystemFileId [type DownloadableFileReference]

Description

System file ID.

Derived By

Type integer

Referenced By

Name	Type
DownloadableFile	Complex Type
DownloadableFileReference	Complex Type

Definition

See DownloadableFileReference

Element: SystemId [type DownloadPackageReference]

Description

System ID.

Derived By

Type integer

Referenced By

Name	Type
DownloadPackage	Complex Type
DownloadPackageReference	Complex Type

Definition

See DownloadPackageReference

Element: tagCommand [type Tag]

Description

Tag command.

Derived By

Type string

Referenced By

Name	Type
Tag	Complex Type

Definition

See Tag

Element: TagDescription [type UserDefinedField]

Description

Custom attribute description.

Derived By

Type string

Referenced By

Name	Type
UserDefinedField	Complex Type

Definition

See UserDefinedField

Element: TagName [type UserDefinedField]

Description

Custom attribute name.

Derived By

Type string

Referenced By

Name	Type
UserDefinedField	Complex Type

Definition

See UserDefinedField

Element: Tags [type Artifact]

Description

Tag.

Derived By

Type Tag

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
name	string	0..1	Tag name.
loginCommand	string	0..1	Login command.
tagCommand	string	0..1	Tag command.
pushCommand	string	0..1	Push command.
pullCommand	string	0..1	Pull command.

Referenced By

Name	Type
Artifact	Complex Type

Definition

See Artifact

Element: TextContent [type NotificationEmail]

Description

Text content.

Derived By

Type string

Referenced By

Name	Type
NotificationEmail	Complex Type

Definition

See NotificationEmail

Element: timestamp [type RegistryServiceError]

Description

Timestamp representing the date and time that the registry service error was thrown.

Derived By

Type string

Referenced By

Name	Type
RegistryServiceError	Complex Type

Definition

See RegistryServiceError

Element: Title [type Member]

Description

Title of the member.

Derived By

Type string

Referenced By

Name	Type
Member	Complex Type

Definition

See Member

Element: TotalCount [element getDownloadPackagesByActivationIdsResponse]

Description

Total count of the Download Package.

Derived By

Type integer

Referenced By

Name	Type
getDownloadPackagesByActivationIdsResponse	Element

Definition

See getDownloadPackagesByActivationIdsResponse

Element: TotalCount [element getFilesByDownloadPackagesResponse]

Description

Total count of the downloads.

Derived By

Type integer

Referenced By

Name	Type
getFilesByDownloadPackagesResponse	Element

Definition

See getFilesByDownloadPackagesResponse

Element: TotalMatches [element searchDownloadableFilesResponse]

Description

Total matches count. Number of all matches found in the index. Might be greater than the number of results returned.

Derived By

Type int

Referenced By

Name	Type
searchDownloadableFilesResponse	Element

Definition

See searchDownloadableFilesResponse

Element: TotalMatches [element searchDownloadPackagesResponse]

Description

Total matches count. Number of all matches found in the index. Might be greater than the number of results returned.

Derived By

Type int

Referenced By

Name	Type
searchDownloadPackagesResponse	Element

Definition

See searchDownloadPackagesResponse

Element: TotalResults [element getFileDownloadsResponse]

Description

Total number of downloads (for paginated responses).

Derived By

Type int

Referenced By

Name	Type
getFileDownloadsResponse	Element

Definition

See getFileDownloadsResponse

Element: type [type Artifact]

Description

Type.

Derived By

Type string

Referenced By

Name	Type
Artifact	Complex Type

Definition

See Artifact

Element: UdfFilters [element getAllFilesForPackageRequest]

Description

Custom attribute filters to apply to returned files.

Derived By

Type UserDefinedField

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TagName	string	1..1	Custom attribute name.
TagDescription	string	1..1	Custom attribute description.
Content	UdfValue	0..*	Custom attribute value.

Referenced By

Name	Type
getAllFilesForPackageRequest	Element

Definition

See getAllFilesForPackageRequest

Element: UdfFilters [element getDownloadableFilesRequest]

Description

Custom attribute filters to apply to returned files:

- Custom Attribute Name
- Content - The values must contain "TagName" and "Value" in every "Content" element.

Derived By

Type UserDefinedField

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TagName	string	1..1	Custom attribute name.
TagDescription	string	1..1	Custom attribute description.
Content	UdfValue	0..*	Custom attribute value.

Referenced By

Name	Type
getDownloadableFilesRequest	Element

Definition

See getDownloadableFilesRequest

Element: UnexpectedError

Description

Derived By

Type UnexpectedError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Code	string	1..1	Code.
IncidentId	string	0..1	Incident ID.

Referenced By

Name	Type
acceptComplianceAgreement	Method
acceptEULA	Method
checkDownloadPackages	Method
getAllFilesForPackage	Method
getComplianceAgreement	Method
getContent	Method
getDownloadableFiles	Method
getDownloadedFilesLog	Method
getDownloadLog	Method
getDownloadPackageByDownloadPackageId	Method
getDownloadPackageNameByActivationId	Method
getDownloadPackageNoticeDetails	Method
getDownloadPackageNotifications	Method
getDownloadPackages	Method
getDownloadPackagesByActivationIds	Method
getEntitledOrganizations	Method
getEULA	Method
getFileDownloads	Method
getFilesByDownloadPackages	Method
getImagesAndCharts	Method
getManufacturerProductLine	Method

Referenced By

Name	Type
getNotDownloadedFiles	Method
getRecentDownloadPackages	Method
getRecentNotifications	Method
getRecentUploadedFiles	Method
searchDownloadableFiles	Method
searchDownloadPackages	Method

Element: UnknownActivationIdError

Description

Unknown Activation ID Error.

Derived By

Type UnknownActivationIdError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
getDownloadPackages	Method
getDownloadPackagesByActivationIds	Method

Element: UnknownDownloadLogError

Description

Derived By

Type UnknownDownloadLogError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
getDownloadLog	Method

Element: UnknownDownloadPackageError

Description

Derived By

Type UnknownDownloadPackageError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
acceptComplianceAgreement	Method
acceptEULA	Method
getAllFilesForPackage	Method
getComplianceAgreement	Method
getDownloadableFiles	Method
getDownloadedFilesLog	Method
getDownloadPackageNotifications	Method
getEULA	Method
getFilesByDownloadPackages	Method

Element: UnknownEmailError

Description

Derived By

Type UnknownEmailError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
getDownloadPackageNoticeDetails	Method

Element: UnknownFileError

Description

Derived By

Type UnknownFileError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
getDownloadableFiles	Method
getDownloadLog	Method
getFileDownloads	Method
getFilesByDownloadPackages	Method

Element: UnknownOrganizationError

Description

Derived By

Type UnknownOrganizationError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
acceptComplianceAgreement	Method
acceptEULA	Method
getComplianceAgreement	Method
getDownloadableFiles	Method
getDownloadedFilesLog	Method
getDownloadLog	Method
getDownloadPackageByDownloadPackageId	Method
getDownloadPackageNoticeDetails	Method
getDownloadPackageNotifications	Method
getDownloadPackages	Method
getEULA	Method
getFileDownloads	Method
getFilesByDownloadPackages	Method
getManufacturerProductLine	Method
getNotDownloadedFiles	Method
getRecentDownloadPackages	Method
getRecentNotifications	Method
getRecentUploadedFiles	Method
searchDownloadableFiles	Method
searchDownloadPackages	Method

Element: UnknownPrincipalError

Description

Derived By

Type UnknownPrincipalError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
acceptComplianceAgreement	Method
acceptEULA	Method
checkDownloadPackages	Method
getAllFilesForPackage	Method
getDownloadableFiles	Method
getDownloadedFilesLog	Method
getDownloadLog	Method
getDownloadPackageNoticeDetails	Method
getDownloadPackageNotifications	Method
getDownloadPackages	Method
getEntitledOrganizations	Method
getFileDownloads	Method
getFilesByDownloadPackages	Method
getImagesAndCharts	Method
getManufacturerProductLine	Method
getNotDownloadedFiles	Method
getRecentDownloadPackages	Method
getRecentNotifications	Method
getRecentUploadedFiles	Method
searchDownloadableFiles	Method
searchDownloadPackages	Method

Element: UnknownProductLineError

Description

Derived By

Type UnknownProductLineError

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Id	string	1..*	ID.

Referenced By

Name	Type
getDownloadPackages	Method

Element: updateTime [type Repository]

Description

Update time.

Derived By

Type string

Referenced By

Name	Type
Repository	Complex Type

Definition

See Repository

Element: UploadedFile [element getRecentUploadedFilesResponse]

Description

Uploaded files within the specified number of days. The number of days is a configurable value. The minimum value is 30 days and maximum value is 180 days.

Derived By

Type UploadedFile

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
File	DownloadableFile	1..1	File • system id • file name • description • file update date
Critical	boolean	0..1	Flag indicating if it's critical.
PackageVersion	string	1..1	Package version. PackageVersion is only set if "includePkgVersions" flag was "true" in the request.

Referenced By

Name	Type
getRecentUploadedFilesResponse	Element

Definition

See getRecentUploadedFilesResponse

Element: urls [type ChartVersion]

Description

URLs.

Derived By

Type string

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: UserDefinedFields [type DownloadableFile]

Description

Custom attributes array.

Derived By

Type UserDefinedField

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
TagName	string	1..1	Custom attribute name.
TagDescription	string	1..1	Custom attribute description.
Content	UdfValue	0..*	Custom attribute value.

Referenced By

Name	Type
DownloadableFile	Complex Type

Definition

See DownloadableFile

Element: Value [type UdfValue]

Description

Custom value. The values must contain "TagName" and "Value" in every "Content" element.

Derived By

Type string

Referenced By

Name	Type
UdfValue	Complex Type

Definition

See UdfValue

Element: version [element getImagesAndChartsResponse]

Description

Package version.

Derived By

Type string

Referenced By

Name	Type
getImagesAndChartsResponse	Element

Definition

See getImagesAndChartsResponse

Element: version [type ChartVersion]

Description

Chart version.

Derived By

Type string

Referenced By

Name	Type
ChartVersion	Complex Type

Definition

See ChartVersion

Element: Version [type DownloadPackage]

Description

Version of the Download Package.

Derived By

Type string

Referenced By

Name	Type
DownloadPackage	Complex Type

Definition

See DownloadPackage

Element: VersionNumber [type DownloadPackageVersion]

Description

The version number of a Download Package.

Derived By

Type string

Referenced By

Name	Type
DownloadPackageVersion	Complex Type

Definition

See DownloadPackageVersion

Element: VersionType [element getDownloadPackageInfoRequest]

Description

Download package version type. The possible values are:

- Current - default version type.
- Archive
- All

Derived By

Type VersionType

Enumeration

Value	Description
Current	
Archived	
All	

Referenced By

Name	Type
getDownloadPackageInfoRequest	Element

Definition

See getDownloadPackageInfoRequest

Element: VersionType [element getDownloadPackagesRequest]

Description

Download package version type. The possible values are:

- Current - default version type.
- Archive
- All

Derived By

Type VersionType

Enumeration

Value	Description
Current	
Archived	
All	

Referenced By

Name	Type
getDownloadPackagesRequest	Element

Definition

See getDownloadPackagesRequest

Element: withTag [type ArtifactRequestParam]

Description

With tag.

Derived By

Type boolean

Referenced By

Name	Type
ArtifactRequestParam	Complex Type

Definition

See ArtifactRequestParam

Appendix A: Web Service Data Types with Choices

Introduction

When you view FlexNet Operations web service interfaces through the URL **http://**, Axis–Java does not properly display choices in data types. Therefore, this appendix contains the proper schema definitions for the types that define choices. The following table shows the data types that offer choices for data types that are used in Web service requests. XML fragments illustrating the proper syntax follow the table.

Complex Type (with XSD File)	Description
attributeDescriptorType (commonTypes)	Specify one of several data types for the value of the named license model attribute.
entitlementDataType (commonEntitlementTypes)	Specify simple or bulk entitlement.
expirationTermsDataType (entitlementLifeCycleTypes)	Specify duration (integer and duration units) or an expiration date.
OrganizationQuery (OrganizationAdministration)	Specify either uniqueId or organizationId.
UserList (UserAdministration)	Specify either (FlexNet) users or domain users.

attributeDescriptorType

```
<xs:complexType name="attributeDescriptorType">
  <xs:sequence>
    <xs:element name="attributeName" type="xs:string"/>
    <xs:choice>
      <xs:element name="stringValue" type="xs:string" minOccurs="0"/>
      <xs:element name="dateValue" type="xs:date" minOccurs="0"/>
      <xs:element name="booleanValue" type="xs:boolean" minOccurs="0"/>
      <xs:element name="integerValue" type="xs:integer" minOccurs="0"/>
      <xs:element name="arrayValue" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
```

entitlementDataType

```
<xs:complexType name="entitlementDataType">
  <xs:choice>
    <xs:element name="simpleEntitlement" type="tns:simpleEntitlementDataType" minOccurs="0"/>
    <xs:element name="bulkEntitlement" type="tns:bulkEntitlementDataType" minOccurs="0" />
  </xs:choice>
</xs:complexType>
```

expirationTermsDataType

```
<xs:complexType name="expirationTermsDataType">
  <xs:choice>
    <xs:element name="term" type="tns:DurationType" minOccurs="0"/>
```

```
      <xs:element name="expirationDate" type="xs:date" minOccurs="0"/>
    </xs:choice>
  </xs:complexType>
```

OrganizationQuery

```
<xsd:complexType name="OrganizationQuery">
  <xsd:choice>
    <xsd:element ref="impl:uniqueId" />
    <xsd:element ref="impl:organizationId" />
  </xsd:choice>
</xsd:complexType>
```

UserList

```
<xsd:complexType name="UserList">
  <xsd:choice>
    <xsd:element name="users" type="impl:User" maxOccurs="unbounded"/>
    <xsd:element name="domainUsers" type="impl:DomainUser" maxOccurs="unbounded"/>
  </xsd:choice>
</xsd:complexType>
```

Appendix B

License Model Attributes

Name-value pairs are used to set license model attributes through the FlexNet Operations Web services. These parameters can be set using the Entitlement Order or License services, depending when in the license lifecycle the license model attributes are required.

Passing License Model Attributes

In an implementation that passes XML structures, the attributes are set:

```
<licenseModelAttributes>
  <attribute>
    <attributeName>SERIAL_NUMBER</attributeName>
    <stringValue>test_serial_number</stringValue>
  </attribute>
  <attribute>
    <attributeName>NOTICE</attributeName>
    <stringValue>test notice</stringValue>
  </attribute>
  <attribute>
    <attributeName>PLATFORMS</attributeName>
    <arrayValue>i86_n</arrayValue>
    <arrayValue>i86_l</arrayValue>
  </attribute>
</licenseModelAttributes>
```

License Model Attributes and Data Types

The following table contains a list of license model attribute names. See attributeDescriptorType in Web Service Data Types with Choices.

attributeName	Value Type	Description
ALLOW_ONE_TERMINAL_SERVER	booleanValue	Applicable to node-locked uncounted licenses. FlexNet Licensing detects when a node-locked uncounted license is running under Windows Terminal Server. To allow your FlexEnabled application to run via a single Terminal Server Client window, node-lock the license to the Terminal Server machine and set ALLOW_ONE_TERMINAL_SERVER to true. The ONE_TS_OK keyword is added to the license. To disable access via a Terminal Server Client, set both ALLOW_ONE_TERMINAL_SERVER and ALLOW_TERMINAL_SERVER to false.

attributeName	Value Type	Description
ALLOW_TERMINAL_SERVER	booleanValue	Applicable to a FlexEnabled application built with FlexNet Licensing version 8.0 or later and using a node-locked uncounted license. FlexNet Licensing detects when a node-locked uncounted license is running under Windows Terminal Server. To allow your FlexEnabled application to run via a Terminal Server Client window, node-lock the license to the Terminal Server machine and set ALLOW_TERMINAL_SERVER to true. The TS_OK keyword is added to the license. To disable access via a Terminal Server Client, set both ALLOW_ONE_TERMINAL_SERVER and ALLOW_TERMINAL_SERVER to false.
BORROW_HOURS	integerValue	Applicable to counted licenses. If borrowing is allowed, the maximum number of hours that the license can be borrowed for can be specified as the default (168 hours, or one week) or can be specified in the license model, the entitlement, or at fulfillment time. The BORROW keyword is added to the license. The maximum borrow period is limited by the maximum value of a 32-bit integer: 2 billion hours.
FLOAT_OK	stringValue *server_hostid*	To specify a FLOAT_OK keyword with a server_hostid. Also specify a FLEXid as a node-locked hostid. The server_hostid is the same hostid that appears on the SERVER line of the license file, or could be a different hostid that refers to the same machine. If the SERVER line hostid is ANY, the FLOAT_OK server_hostid should be specific to the license server machine. The license server can only be run on the machine with the hostid that lmhostid returns equal to the server_hostid specified with FLOAT_OK. A user can run on the license server machine, but he can use only the license being served by the license server, not the node-locked license. Otherwise an extra use for each FLOAT_OK license could occur. Note that without the server_hostid specified on the feature line, the FLOAT_OK license can be served from any computer, as long as the FLEXid is attached to it. The hostid on the FLOAT_OK feature line must be only a single hostid. For multiple FLEXids, use individual feature lines for each FLEXid.
HOST_BASED	integerValue	Applicable to counted licenses. Specify the number of host names that can be specified in INCLUDE statements in the end-user options file.
INCLUDE_USE_SERVER	booleanValue	USE_SERVER takes no arguments and has no impact on the server. When the application sees USE_SERVER, it ignores everything in the license file except preceding SERVER lines and transfers checkout validation to the vendor daemon. For uncounted features, USE_SERVER is used to force logging of usage by the daemons.
ISSUER	stringValue *issuer*	Issuer of the license.
NOTICE	stringValue *notice*	Notice string used to identify feature lines.

attributeName	Value Type	Description
MAX_BORROW_INTERVAL	integerValue	For FlexNet Embeeded served licenses. Specifies the maximum borrow interval in seconds. If used, it overrides the default max borrow interval configured on the license server that is serving the license.
OVERDRAFT_MAX	integerValue	Applicable to counted licenses. The max overdraft setting allows a publisher to specify a number of additional licenses (per entitlement line item) which users are allowed to use, in addition to the licenses they have purchased. Overdraft allows your users to not be denied service when in a “temporary overdraft” state. Usage above the license limit is reported by the FlexNet Manager reporting tool. Expressed using the OVERDRAFT license keyword.
PLATFORMS	arrayValue *platform_key*	Specify each platform in a separate arrayValue element. See **Platform Key Names** table below. Usage is limited to the selected platforms. Expressed using the PLATFORMS license keyword.
SERIAL_NUMBER	stringValue *serial_number*	Serial number used to identify feature lines. The SN keyword is added to the license.
USER_BASED	integerValue	Applicable to counted licenses. Specify the number of users that can be specified in INCLUDE statements in the end-user options file.
VENDOR_STRING	stringValue *vendor_string*	Vendor string used to identify feature lines.
VM_PLATFORMS	stringValue *vm_platforms*	To restrict to physical machines only, set VM_PLATFORMS to PHYSICAL. To restrict to virtual machines only, set VM_PLATFORMS to VM_ONLY.

Platform Key Names

The following table shows the key names of platform settings to pass in the PLATFORMS attribute.

Platform Key	Platform Name
alpha_l	Dec Alpha, Linux < version 6.2
alpha_n	Dec Alpha, Windows/NT
alpha_r	Dec Alpha, Linux version 6.2 or later
alpha_u	Dec UNIX for Alpha
alpha_v	Dec Alpha, OpenVMS version 6.x
amd64_s	AMD 64-bit, SUSE Linux Enterprise Server
hp700_u	HP 9000/700, 800, HP-UX
hp64_u	HP 64-bit, HP-UX
i86_b	BSDI OS
i86_d	DG AViiON Pentium
i86_f	FreeBSD
i86_g	Intel x86, Linux with GNU libc
i86_l	Intel x86, Linux version 1, version 2

Platform Key	Platform Name
i86_n	Intel x86, Windows (all)
i86_r	Intel x86, Red Hat Linux version 6-version 9
i86_re	Intel x86, Red Hat Enterprise Linux
i86_u	Intel x86, Unixware
i86_w	Intel x86, Windows 16-bit
i86_x	Intel x86, Solaris
i86_z	Intel x86, Netware
it32_hp	Itanium 32-bit, HP-UX
it64_hp	Itanium 64-bit, HP-UX
it64_lr	Itanium 64-bit, Red Hat Linux version 7-version 9
it64_n	Itanium 64-bit, Windows
java-0	Java, Version
nec_u	NEC EWS OS
ppc_mac	Power PC, MacOS X
ppc_u	Power PC, AIX
rm400_u	Siemens Nixdorf RM400, Sinux
rs6000_u	IBM RS/6000, AIX
rs64_u	IBM RS/6000 64-bit
sco_u	SCO UNIX (intel)
sgi32_u	SGI 32-bit, IRIX 5, 6
sgi64_u	SGI 64-bit, IRIX 6
sony_u	Sony BSD OS V4
sun4_u	Sun Sparc 4, Solaris
sun64_u	Sun 64-bit, Solaris
vax_v	Dec VAX/VMS

Appendix C: ClientSecurityCredentials Class Source

FlexNet Operations Web services requires a client to provide credentials in the SOAP header or as BASIC HTTP user authentication. BASIC authentication encrypts the user and password with Base64 encoding and passes it as an HTTP request header parameter. For example:

Authorization: Basic QWxhghwelhijhrcGVuIHNlc2FtZQ==

FlexNet Operations also provides a ClientSecurityCredentials helper class as a convenience. The source of this class is included in this appendix and in FlexNetOperationsWebServices12_10_0.zip.

Listing of ClientSecurityCredentials.java:

```
// COPYRIGHT (c) 2009 by Flexera

import org.apache.axis.client.Stub;
import org.apache.axis.encoding.Base64;
import org.apache.axis.message.SOAPHeaderElement;

import java.io.UnsupportedEncodingException;
import java.rmi.*;

import javax.xml.soap.Name;
import javax.xml.soap.SOAPException;
import javax.xml.soap.SOAPFactory;

/*
 * This class consist of convenient methods that allow to set
 * the user name and password (credentials) for the invoker of
 * the webservice operation. The user name/password can be set
 * in the client context (HTTP Authorization Header) or in the
 * SOAPHeader of the SOAPEnvelope.
 *
 *  User Name Syntax :
 *  ----------------------
 *  userName##domainName
 *       where userName --> name of user.
 *             domainName --> domain to which the user belongs.
 *       If domain is not provided, default domain (FLEXnet) is used.
 */

public class ClientSecurityCredentials {

   public static final String AUTH_SOAP_HEADER = "auth.soapHeader";
   public static final String nameSpace = "flex";
   public static final String nameSpaceURI = "urn:com.macrovision:flexnet/
                                    platform";

   private final static String CHAR_SET = "UTF-8";

   private Stub stub;
   private SOAPFactory soapFactory;

   /*
    * Allows setting user credentials in the client context (HTTP Authorization
    * Header).
    */

   public ClientSecurityCredentials(Remote service) {
      this.stub = (Stub)service;
   }

   /*
    * Allows setting user credentials in the SOAP Header.
    */
   public ClientSecurityCredentials(Remote service, String authType) throws
         SOAPException {
      this(service);
      if (AUTH_SOAP_HEADER.equals(authType)) {
```

```
        soapFactory = SOAPFactory.newInstance();
      }
    }

    /*
     * Set the user name in the client context (HTTP Authorization Header) or in
     * the SOAP Header, depending on the constructor used.
     */
    public void setUsername(String username) throws SOAPException {
      if (stub != null) {
        if(soapFactory != null) {
          this.setSoapHeader("UserId", username);
        }
        else {
          stub.setUsername(username);
        }
      }
    }



    /*
     * Set the password in the client context (HTTP Authorization Header) or in
     * the SOAP Header, depending on the constructor used.
     */
    public void setPassword(String password) throws SOAPException,
            UnsupportedEncodingException {

      if (stub != null) {
        if(soapFactory != null) {
          String encryptedPwd = Base64.encode(password.getBytes(CHAR_SET));
          this.setSoapHeader("UserPassword", encryptedPwd);
        }
        else {
          stub.setPassword(password);
        }
      }
    }

    /*
     *
     */
    private void setSoapHeader(String elementName, String value) throws
              SOAPException {
      Name nameElem = soapFactory.createName(elementName, nameSpace,
                nameSpaceURI);
      SOAPHeaderElement headerElem = new SOAPHeaderElement(nameElem);
      headerElem.addTextNode(value);
      this.stub.setHeader(headerElem);
    }
  }
```

Appendix D: Error Codes

Introduction

FlexNet Operations error codes will allow a client to identify issues and take alternate actions in case of a failure. Each error message is generated in the format

<Error Code Identifier>: <Message>

The caller of the Web service can use the error code identifier in the message to determine the alternate logic to use in the event of a failure.

If FlexNet Operations is unable to determine a valid error code for an issue, the default code is used (9999). In such cases, you can correlate the Incident # from the error message and verify the log to determine the actual issue.

FlexNet Operations Error Codes

FlexNet Operations error codes are listed in the file FLEXnetOpsErrorMessagesCodes, located in the <ops_install_dir>\site\errorcodes. Callers of public Web service clients can use this file.

Error Code	Description
6001	Attribute {0} is immutable: cannot be changed from {1} to {2}.
6002	Error occurred.
6003	A value for property {0} is required.
6004	Cannot deploy {0}: {1} is not deployed.
6005	Cannot create a new revision for {0}: status is {1}, a draft revision {2}.
6006	{0} cannot be moved from {1} state to {2} state.
6007	Count {2, number} is not valid for {0} in {1}.
6008	License model {0} of {1} is not deployed.
6009	Component {0} with version {1}, license generator {2}, revision {3, number} is a duplicate.
6010	Unexpected property name(s) {0}.
6011	Attribute {0} is required in the definition of {1}.
6012	Attribute {0} is not searchable for entity {1}.
6013	Duration {0, number} is not valid.
6014	Cannot modify {0} of {1}: it is in state {2}, not {3}.
6015	Version format is one of: ({0},{1}) for {2}.
6016	{0} is required to be configured.
6017	Query returned more than one result: expected one. See log for details.
6018	Cannot add product {0} to suite. It is in inactive or obsolete state.
6019	{0} can be edited only in Draft state: it is in {1} state. If the system configuration to allow editing deployed entities is turned on, a few additional properties can be edited for deployed entities.
6020	Cannot delete {0}: other entities refer to it.

Error Code	Description
6021	Product {0} with version {1} is a duplicate.
6022	Cannot move state of {0} from {1} to {2}.
6023	Input parameter {0} of {1} cannot be null.
6025	Error occurred.
6026	Cannot redeploy {0}: it is obsolete.
6027	{0} state is not valid for feature.
6028	SKU {0} already exists in the database and refers to orderable {1} {2} of type {3} with option {4}.
6029	Cannot deploy {0}: other entities refer to it.
6030	Cannot delete {0}: it is in state {1}, not {2}.
6031	Feature {0} in component {1} is a duplicate.
6032	Computed duration will be negative: start date {0} is after end date {1}.
6033	Input duration units {0} are not supported. Must be one of DAY, WEEK, YEAR.
6034	License model {0} is not associated with licensed product {1}.
6035	Something bad happened while using Hibernate or the database.
6036	Attribute {0} of {1} must be greater than 0, is: {2, number}.
6037	Feature {0} is not contained in {1}.
6038	A license model with name {0} already exists: cannot create another one with the same name.
6039	Attribute {0} of {1} has un-configured value {2}.
6040	Container {0}'s license generator {1} does not match {2}'s license generator {3}.
6041	Duration units {0} are not valid: must be YEAR, MONTH, WEEK, OR DAY.
6042	Product {0} in suite {1} is inactive or obsolete.
6043	Cannot find entity of type {0} with ID {1}.
6044	{0} state is not valid for feature bundle.
6045	License Generator {0} is set for {1}: cannot be changed.
6046	Cannot redeploy {0}: a deployed revision exists.
6047	Licensed product {0} is not contained in {1}.
6048	{0} can be deleted only in draft or obsolete state; it is in {1} state.
6049	Unassigned SKU {0} already exists in the database.
6050	Product type must be one of {0, 1, 2}, is: {3}.
6051	Status {0} for {1} is not valid.
6052	Bundle {0} is not contained in {1}.
6053	Input parameter {0} of {1} cannot be null.
6054	Cannot create bundle {0}: another bundle with the same name already exists.
6055	Attribute {0} of {1} must be of length {2, number}, is of length {3, number}.
6056	Valid values are required for a multi-valued text attribute.
6057	The maximum allowable length for the trailer resource key is 128.
6058	Cannot save a license generator without setting the technology.

Error Code	Description
6059	Values for lifecycle policy are not valid. Value cannot be less than zero.
6060	Cannot change state of license technology {0}. It is used in deployed products.
6061	Cannot delete license technology {0}. It is used in products.
6062	Values for lifecycle policy are not valid. Value cannot be less than zero.
6063	Part number {0} is already mapped to a product.
6064	License model must belong to {0} technology.
6065	Cannot delete license generator {0}. It is used in products.
6066	Product is used in suites.
6067	Cannot add required attribute {1} to technology {0}. That technology is already deployed, so the required choice must be set to no.
6068	License technology with name {0} already exists.
6069	Products included in the suite must have the same license technology as the suite.
6070	Cannot set nodelocked host ID policy on license model {0}. License model does not require a nodelocked host.
6071	License technology {0} is used in deployed license models.
6072	Value for lifecycle policy duration is not valid.
6073	Cannot change state of license technology {0}. It is used in deployed license models.
6074	Cannot delete attribute as the associated license technology is deployed.
6075	There is no license generator {0} for the license technology {1}.
6076	Feature with name {0} and version {1} already exists.
6077	Cannot create since there are no license generators for technology {0}.
6078	Cannot set server host ID policy on license model {0}. License model does not require a server host.
6079	Cannot delete license generator {0}. It is used in suites.
6080	Length of description field, {0}, is more than the maximum allowable length 2000.
6081	Part number with name {0} already exists.
6082	Cannot save a license generator with no name.
6083	Cannot deploy {0}: it contains no products.
6084	Cannot delete generator configuration as the associated license technology is deployed.
6085	License generator configuration must belong to {0} technology.
6086	License generator with name {0} already exists for the license technology {1}.
6087	{0} is used in one or more entitlements.
6088	{0} can be deleted only in Draft state: it is in {1} state.
6089	Custom Generator Service is required.
6090	{0} cannot be deleted.
6091	Not a valid host ID: {0}.
6092	{0} is used in one or more entitlements.
6093	Cannot deploy {0}: it has no license models.

Error Code	Description
6094	Not enough permissions for attempted operation.
6095	License technology {0} is not deployed.
6096	Cannot set redundant server policy on license model {0}. License model does not require a server host.
6097	Cannot find part number with name {0}.
6098	Custom generator service class must be defined.
6099	The license model name must not be blank.
6100	The maximum allowable length for the header resource key is 128.
6101	Cannot delete license technology {0}. It is used in suites.
6102	Cannot delete license technology {0}. It is used in deployed suites.
6103	Cannot change state of {0}; other entities refer to it.
6104	Cannot delete license technology {0}. It is used in license models.
6105	Cannot delete license technology {0}. It has license generators.
6106	License technology is immutable.
6107	Cannot save a license technology with no name.
6108	Cannot set extra activations policy on license model {0}. License model does not allow partial fulfillments.
6109	Cannot edit license generator {0} since it has fulfillments.
6110	Quantity must be a positive integer for {0}.
6111	Unable to delete transaction key. Some products or ASRs are referring this key.
6112	Cannot create more than 256 transaction key configurations.
6113	Unable to generate trusted ID. Perhaps another user has created a transaction key configuration at the same time. Please try again. If the error persists, inspect the log.
6114	Unable to generate trusted ID. Perhaps another user has created a transaction key configuration at the same time. Please try again. If the error persists, inspect the log.
6115	Key name cannot be blank.
6116	Not a valid key seed: {0}. Key seed value must contain 8 hex values.
6117	Only waiting requests can be deleted.
6118	Cannot create more than 256 transaction key configurations.
6119	Values for reinstall policy are not valid. Value cannot be less than zero.
6120	{0} is mapped to a trusted type license model {1}. It must be mapped to at least one of Default Transaction Key or Virtual Transaction Key.
6121	{0} is used in one or more entitlements.
6122	Unable to delete Transaction Key since the key is referred by some products.
6123	At least one of default transaction key and virtual transaction key is required for a deployed product or suite associated with trusted license models.
6124	All 8 key seeds need to be specified.
6125	Not a valid value for reinstall policy duration.
6126	At least one of default transaction key and virtual transaction key is required for a deployed product or suite associated with trusted license models.

Error Code	Description
6127	Unable to generate local trial-ID. Perhaps another user has created a local trial ID at the same time. Please try again. If the error persists, inspect the log.
6128	Not a valid key seed: {0}. Key seed value must contain 8 hex values.
6129	{0} is mapped to a trusted type license model {1}. It must be mapped to a transaction key.
6130	A transaction key configuration with the name: {0} already exists.
6131	Cannot create more than 256 local trial anchors.
6132	No permission to delete the request {0}.
6133	All the 8 keys seeds need to be specified.
6134	Not allowed to delete seed user {0}.
6135	Publisher ID cannot be blank. Please check whether the system is configured with at least one activation settings publisher xml file or not.
6136	Not allowed to delete seed account {0}.
6137	Not allowed to delete seed role {0}.
6138	License technology {0} not found.
6139	Specified value {1} is not valid for the custom attribute {0}. Specify a valid integer number.
6140	Cannot change the status of the seed user {0} to inactive.
6141	At least one license file definition must be set for {0}.
6143	Specify at least one attribute value.
6144	Please specify a file name generator class for {0}.
6145	Host type is needed for license technology {0}.
6146	Host Type must belong to {0} technology.
6147	Products included in the suite must belong to the same product category.
6148	Cannot set product category. It is not part of the user's account.
6149	Products included in the suite must have the same host type as the suite.
6150	Products included in a suite must have the same used on device setting as the suite.
6151	License model description cannot be greater than 2000 characters.
6152	A maintenance product cannot be linked to another maintenance product.
6153	Description cannot be greater than 2000 characters.
6154	Cannot change the product category since the product is used in suites.
6155	Relation type cannot be maintenance.
6156	Not enough permissions for attempted operation due to product category rules.
6157	A maintenance product can be linked only as a maintenance relationship.
6158	License model name is required.
6159	Products linked to non-FlexNet technologies cannot be used on devices.
6160	License model name cannot be greater than 64 characters.
6161	Cannot add feature {0}, {1} in a draft state to a deployed product.
6162	Cannot add feature {0}, {1} in a draft state to a deployed feature bundle.

Error Code	Description
6163	Cannot add product {0}, {1} in a draft state to a deployed suite.
6164	Cannot add feature bundle {0} in a draft state to a deployed product.
6165	{0} is used in one or more local trial ASRs.
6166	{0} is used in one or more short code ASRs.
6167	Length of ship to email field, {0}, is more than the maximum allowable length 1024.
6168	Product is used in license templates.
6169	Item is used in one or more license templates.
6170	Length of ship to address field, {0}, is more than the maximum allowable length 1000.
7001	In entitlement {0} for {1}:{2}, license model cannot be changed from {3} to {4}.
7002	Failed to generate request, error code: {0}.
7003	Web register key {1} already refers to a bulk entitlement; it cannot be reassigned to {0}.
7004	The specified identifier is incomplete: {0}.
7005	Orderable {0} is not a uniform suite or licensed product.
7006	There exists a bulk entitlement with the same ESN. A bulk entitlement ESN can only refer to one product.
7007	Expiring entitlement has no expiration date.
7008	The product "{0}" cannot be linked to package model "{1}" unless all contained features have the same count.
7009	ASR version date does not match line item's version date.
7010	Orderable {0} is not a maintenance orderable.
7012	The package version "{0}" for product "{1}" is too long; it may be no more than 10 ASCII characters.
7013	Rehosts policy is not the same for line item {0} and line item {1}.
7014	Only deployed license models can be used in entitlements.
7015	The supplied count {0} is not valid; count must be greater than zero.
7016	Cannot locate ESN {0}.
7017	The feature bundle with name:{0} is not found.
7018	Cannot delete entitlement {0} with orderable {1}; fulfillments exist.
7019	Entitlement {0} for {1} does not contain licensed product {2}.
7020	Cannot uniquely identify entitlement associated with ID {0}.
7021	A specification record with the name: {0} already exists.
7022	Cannot add ESN {0} to an entitlement not of type bulk.
7023	Start date is required.
7024	Entitlement ID {0} is same as existing line item ID.
7025	Cannot add ESNs to bulk entitlement {0}; its seat-count {1, number} is less than the total ESNs after import {2, number}.
7027	The product "{0}" could not be activated because it does not have a package name.
7028	Cannot define rehosts policy at entitlement time for the selected license model.
7029	Failed to process the trusted configuration due to the error: {0}.

Error Code	Description
7030	Entitlement {0} is a bulk transaction ID; cannot activate.
7031	Only deployed maintenance products can be used in entitlements.
7032	Not a valid fulfillment ID: {0}.
7033	Cannot move entitlement {0} to draft state. One or more its web register keys have been activated.
7034	Failed to process the trusted configuration due to the error: {0}.
7035	Unknown web register key: {0}.
7036	ESN {0} has ID {1}; cannot be changed to {2}.
7037	Version dates of line item {0} and line item {1} are not the same.
7038	The feature name "{0}" is not valid for FlexNet Licensing Technology; it must contain only ASCII letters, numbers, or '_' (underscore) with no white space.
7039	A transaction key configuration with the name: {0} already exists.
7041	ID {0} is already used as an entitlement ID, activation ID or a web register key. Cannot create another one.
7042	The license model for this request requires a server host ID but none was supplied.
7043	Repairs policy is not the same for line item {0} and line item {1}.
7044	Cannot add duplicate {0} named {1}.
7045	Returns policy is not the same for line item {0} and line item {1}.
7046	A start date is required.
7048	ESN {0} has created by {1}; cannot be changed to {2}.
7049	The specified fulfillment ID {0} is no longer valid.
7050	ESN {0}: Cannot create an entitlement for orderable {1} of type maintenance.
7051	The specified bulk ESN is not valid: {0}.
7052	A nodelock host ID "{0}" was supplied but the license model is not nodelocked.
7053	ESN {0} can refer to only one orderable.
7054	The requested count {0} exceeds the fulfilled amount {1}.
7056	The attribute {0} is not an array type.
7057	Bulk entitlement {0} with orderable {1} has seat count {2, number}; cannot change it to {3, number}.
7059	Specified date format is not consistent with the FlexNet date format: ex., 25-mar-2013. Incorrect date: {0}.
7060	Duplicate Activation ID {0}.
7061	Failed to sign the trusted configuration due to the error: {0}.
7062	The expiration date {0} must be later than the start date {1}.
7063	Short code activation must refer to a bulk entitlement.
7064	ASR expiration date does not match line item's expiration date.
7065	Product must be specified.
7066	Start date, {0}, cannot be after expiration date on {1}.
7067	No common license models are found.
7068	{0} is not a valid state for entitlements.

Error Code	Description
7069	Product {0} is not part of the entitlements for {1}.
7070	Please specify all the attributes.
7071	License model {0} is not valid for {1} on {2}.
7072	Product is required for {0}.
7073	Cannot activate web register key {0}, parent bulk entitlement {1} is not deployed.
7074	The specified product {0} does not have an association with a transaction key configuration.
7075	SoldTo is required.
7076	Entitlement {0} for orderable {1} is not valid until {2}; cannot activate.
7077	Failed to extract details for request short code: {0}.
7078	Model: {0} does not support the specified concurrent counts.
7079	Licensed product or uniform suite is required.
7080	Number of copies cannot be negative for {0}.
7081	Failed to sign the trusted configuration due to the error: {0}.
7082	ASR product does not match line item's product.
7083	Cannot add bulk entitlement {0} to non-bulk ESN {1}.
7084	The property {0} was supplied a value "{1}" but is not expected for this request.
7085	License model is not set for {0}.
7086	Unable to create activation ASR contents due to error: {0}.
7087	License model attribute {0} is not set for {1}.
7088	Cannot create a bulk entitlement with multiple orderable.
7089	Model: {0} does not support the specified activation counts.
7090	Part number is required for {0}.
7091	A product entitlement can specify only one product.
7092	Bulk transaction ID {0} must have only one entitlement associated with it.
7093	ESN {0} can refer to only one orderable.
7094	Null value supplied for attribute {0}.
7095	The package name "{0}" for product "{1}" is too long; it may not be longer than 30 ASCII characters.
7096	Entitlement {0} with orderable {1} requires a part number.
7097	Incorrect request. Expecting {0}, but received request of type: {1}.
7098	License model {0} is not valid on {1}. All products in the entitlement line item must be linked to the license model.
7099	The attribute {0} has a configuration string {1} that is not valid.
7100	Permanent does not need a duration.
7101	Cannot move {0} to Inactive or Obsolete state, it contains some draft line items.
7102	Failed to perform the operation. See the failure response XML for more details.
7103	ESN {0} is inactive: cannot delete web register keys from it.
7105	Not a valid class for attribute name: {0}.

Error Code	Description
7106	Unknown status {1} for entitlement {0}. Must be one of {2}.
7107	Activation request can only contain one pair of counts: (Activation, Activation OD), (Concurrent, Concurrent OD), or (Hybrid, Hybrid OD).
7108	An unexpected error occurred during license generation, please inspect the log for more details.
7109	Not a valid activation ID: {0}.
7111	ESN {0} already refers to an entitlement orderable {1}.
7112	The product component with name:{0} version:{1} is not found.
7113	ESN {0} refers to two entitlements, one with sold-to {1}, and another with sold-to {2}.
7114	The specified license model: {0} is not valid.
7115	The attribute {0} is not a numeric type.
7116	License model attributes are not set for {0}.
7117	Entitlement {0} with orderable {1} is expiring; requires the definition of a duration or expiration date.
7118	Request is tampered, error code: {0}.
7119	License model: {0} is not a trusted license model.
7120	The product "{0}" could not be activated because it does not have a package version.
7121	Cannot delete entitlements.
7122	A server host ID "{0}" was supplied but the license model does not support a server.
7123	The specified fulfillment ID: {0} is not valid.
7124	The requested count {0} exceeds the remaining available {1} for the entitlement.
7125	Extra activations is not the same for line item {0} and line item {1}.
7126	Entitlement {0} for orderable {1} is not active; cannot activate.
7127	Count is required and must be greater than 0.
7128	Cannot delete line item {0}, following line items refer to it: {1}.
7130	Cannot split count of {0} from entitlement: licensed product {1} has fulfillment amount {2}.
7131	Server activation is not allowed to activate entitlement line item: {0}. Make sure the license model is a server license model.
7132	Specified bulk entitlement ID: {0} is not valid.
7133	Line item needs duration or expiration date to be renewed.
7134	Licensed product {0} is not associated with license model {1}; cannot create an entitlement.
7135	Model: {0} does not support the specified hybrid, and/or concurrent counts.
7136	Specified date format is not consistent with the FLEX date format: ex., 25-mar-2013. Incorrect date:{0}.
7138	The license model for this request requires a nodelock host ID, but none was supplied.
7139	Not a valid host ID: {0}.
7140	At least one email address is required to send the mail.
7141	Only deployed products can be used in entitlements.
7142	Unable to create the trusted configuration: {0}.
7143	Unable to create the trusted configuration: {0}.

Error Code	Description
7144	Esn {0} has order ID {1}; cannot be changed to {2}.
7145	The version string "{0}" for feature "{1}" is too long; it may be no more than 10 ASCII characters.
7147	Entitlement {0} for orderable {1}: attribute {2} has a count that is not valid: {3, number}.
7150	Obsolete state is not valid for entitlements.
7151	The attribute name {0} is not valid.
7152	Unable to generate short code response code due to: {0}.
7153	Start dates of line item {0} and line item {1} are not the same.
7154	Maintenance line item {0} cannot be compared.
7155	Fulfillment ID is required.
7156	Product {0},{1},{2} is not part of this request.
7157	No ESN is assigned to entitlement {0}.
7158	Part number {0} is not valid for {1}.
7159	In entitlement {0} for {1}: attribute validAfter is immutable.
7160	A common set of license models does not exist for the line items.
7161	Duration units or valid until is required.
7162	The package name "{0}" for product "{1}" is not valid; it must contain only ASCII letters, numbers, or '_' (underscore) with no white space.
7163	Order IDs of line item {0} and line item {1} are not the same.
7164	ESN {0} has sold-to {1}; cannot be changed to {2}.
7165	Key ASR attributes such as product and model are missing.
7166	ASR part number does not match line item's part number.
7167	Version date is required for {0} on {1}.
7168	ESN {0} cannot be uniquely identified.
7169	{0} is mapped to a trusted type license model {1}. It must be mapped to at least one of Default transaction key or Virtual Transaction Key.
7170	Cannot add web register keys to cancelled entitlement {0}.
7171	License models of line item {0} and line item {1} are not the same.
7172	Orderable is not set on the parent line item.
7173	ESN {0} is not bulk; this is an illegal operation.
7174	Only deployed entitlement line item can be fulfilled.
7175	The specified ESN is not a bulk ESN: {0}.
7176	The attribute {0} could not be loaded from extended properties for {1}.
7177	License model attributes of line item {0} and line item {1} are not the same.
7178	Expiration dates of line item {0} and line item {1} are not the same.
7179	License model is not a trusted license model.
7180	For entitlement {0}:{1} cannot set owned by account unit {2}; its root account {3} is different from the sold-to root account {4}.

Error Code	Description
7181	Entitlement {0} with orderable {1} cannot split count of {2, number} from entitlement with count of {3, number}.
7182	Required attribute {0} is missing.
7183	The product "{0}" must define a package name to be linked to model "{1}".
7184	Cannot define extra activations policy at entitlement time for the selected license model.
7185	The package version "{0}" for product "{1}" is not a valid FlexNet version; must be <number>.<number>.
7186	Entitlement {0} has a part number {1} that is not valid. The part number is not mapped to any products in the entitlement.
7187	ESN {0} cannot be deleted; it is not a web register key.
7188	Durations of line item {0} and line item {1} are not the same.
7189	Client activation is not allowed to activate: {0}. Check the license model to make sure a client can activate.
7190	Cannot change number of copies for inactive line item {0}.
7191	Cannot define repairs policy at entitlement time for the selected license model.
7192	The product feature with name:{0} is not found.
7193	Bulk entitlement {0} does not have short code ASR associated with request code: {1}.
7194	Duration or expiration date shoul be specified for {0}.
7195	Product or suite is not set for line item {0}.
7196	Entitlement {0} with orderable {1} is never valid. Valid after date: {2} is more than expiration date: {3}.
7197	States of line item {0} and line item {1} are not the same.
7198	Cannot move entitlement {0} to draft state. One or more its line items have been activated.
7199	Cannot renew permanent line item {0} with no version date.
7200	Orderable must be defined before setting the license model on entitlement line item.
7201	Generator defined validation for FLEXlm.
7202	A count was supplied ({0}) but the license model for this request is uncounted.
7203	Cannot activate bulk ESN.
7204	Duration is required.
7206	The specified product name:{0} version:{1} option name:{2} is not found.
7207	Cannot invoke {0} for entitlement {1}; orderable {2} of type suite.
7208	Only deployed line items can be renewed. Line item {0} is not deployed.
7209	Cannot define returns policy at entitlement time for the selected license model.
7210	Number of copies is not the same in line item {0} and line item {1}.
7211	Term type is required.
7212	The attribute {0} was not expected.
7213	The property {0} is required for this request and was not supplied.
7214	Activation request can only contain one pair of counts; (Activation, Activation OD), (Concurrent, Concurrent OD), or (Hybrid, Hybrid OD).
7215	The specified product does not have an association with a transaction key configuration.

Error Code	Description
7216	One or more of the products in the entitlement {0} requires the definition of {2}.
7217	The model "{0}" cannot support a SUITE_RESERVED package specification unless client uniqueness is also specified.
7218	ESN {0} already exists, cannot create another one.
7219	Entitlement {0} with orderable {1} is cancelled; attribute {2} cannot be changed from {3} to {4}.
7220	The version string "{0}" for feature "{1}" is not a valid FlexNet version; must be <number>.<number>.
7221	Query for object {0} returned multiple references.
7222	Not a valid value for attribute {0}.
7223	Attribute {0} is immutable; cannot be changed from {1} to {2}.
7224	ASR license model does not match line item's license model.
7225	Error occurred while importing web register keys from file.
7226	License model is not a trusted license model.
7227	The web register key is missing in the entitlement ID.
7228	The specified ESN: {0} is already in the system.
7230	Missing the activations settings file: {0}. Expecting an activation settings file at the VCG location.
7231	License generator error: {0}.
7232	ASR duration does not match line item's duration.
7233	There is no deployed orderable for part number "{0}".
7234	Some line items require version dates and others do not.
7235	The feature name "{0}" is too long for FlexNet Licensing Technology; it may not be longer than 30 ASCII characters.
7236	Version date duration is required for {0} on {1}.
7237	Multiple hosts cannot be selected as partial fulfillments are not allowed.
7238	Requested overdraft amount {0} exceeds remaining overdraft amount in the entitlement {1}.
7239	Request type must be upsell.
7240	The rehost of the fulfillment is denied by the rehost policy because {0}.
7241	Sold-to account is required. Please specify end customer information before saving entitlement.
7242	Version date option specified is not valid for a trusted license model.
7243	Line items having different server host ID policies cannot be activated together.
7244	No data records found.
7245	Request type {0} is not valid for an emergency license request.
7246	Overdraft count {0} is not valid.
7247	Please specify at least one nodelocked host.
7248	The repair of the fulfillment is denied by the repair policy because {0}.
7249	Returned overdraft count {0} exceeds overdraft count in the fulfillment {1}.
7250	The entitlement is not mapped to the user's portal account.
7251	Cannot set license model attributes for a {0} request.

Error Code	Description
7252	Line items belonging to different customer accounts cannot be activated together.
7253	Start date of line item {0} is not set.
7254	Line item {0} has a parent defined.
7255	Version date of line item {0} is not set.
7256	Start date cannot be set on {0} request.
7257	Repair operation is not allowed by {0} technology.
7258	Absolute expiration date is required for a local trial ASR.
7259	Specified license model name {0} is not valid.
7260	Start date is required for a {0} request.
7261	Provide either duration or expiration date but not both.
7262	Sold-to account of the renewed line item must be the same as that of the parent line item.
7263	Sold-to account of the upsold line item must be the same as that of the parent line item.
7264	Request type {0} is not valid for a publisher error request.
7265	Failed to perform the operation.
7266	Line items having different hosts defined cannot be activated together.
7267	Duration specified for number of returns lifecycle policy is not valid.
7268	Not a valid Generator Validator Class {0}. This class must implement LicenseGeneratorValidator interface.
7269	Cannot change state of line item {0}. It has been activated.
7270	Cannot a remove line item in a {0} request.
7271	Cannot import fulfillments. Fulfillment with migration ID {0} already exists.
7272	Cannot define nodelocked host ID policy at entitlement time for the selected license model.
7273	Selected file not found.
7274	Entitlement ID is required.
7275	No email address specified in the fulfillment record or no additional email addresses provided.
7276	Cannot create attribute {0} with no type. Please specify type.
7277	When logged in with entitlement ID, only that entitlement and its line items can be viewed.
7278	Orderable of the renewed line item must be the same as that of the parent line item.
7279	This entitlement contains line items that in turn have child line items belonging to different entitlements. Proceeding with transfer may cause issues during fulfillment of these child line items.
7280	Version start date is required. Please provide a value.
7281	Activation ID {0} contains one or more of the following special characters: ', ", &, %, ^, (,), #, @, !, ~, /,<,>,`,},{,=,|.
7282	Overdraft count {0} is not allowed for this request as overdraft is either disabled or exceeded available overdraft count.
7283	Cannot map draft or inactive entitlement to portal user.
7284	Cannot perform support actions on inactive fulfillment record {0}.
7285	Request type {0} is not valid for a return request.

Error Code	Description
7286	Fulfillments belonging to different customer accounts cannot be consolidated.
7287	Value specified for max length is not valid.
7288	The activation of the fulfillment is denied by the activation policy for activation id {0} because {1}.
7289	Only certificate fulfillments can be consolidated.
7290	Cannot define redundant server policy at entitlement time for the selected license model.
7291	Import file provided is not valid.
7292	Cannot validate product {0}; it must contain at least one feature to be licensed with FlexNet technology.
7293	Specified client repair count:{0} is not valid. Value must be greater than or equal to 0.
7294	Cannot specify server host IDs for entitlement line {0} item using license model {1}.
7295	Please specify at least one set of server hosts.
7296	Overdraft count {0} is not valid.
7297	Expiration date cannot be set for a {0} request.
7298	Cannot consolidate fulfillment record {0} because trusted activation fulfillments cannot be consolidated.
7299	Name cannot be blank.
7300	Lifecycle action is not allowed on fulfillment {0}.
7301	When logged in with line item ID, only that line item can be accessed.
7302	Not a valid maintenance version.
7303	Maximum extra activations exceeded for the parent line item.
7304	The sold-to value {0} is not valid.
7305	Cannot map draft or inactive activation ID to portal user.
7306	License model of line item {0} is not set.
7307	Cannot create attribute named {0} for license technology {1} because there is already a Generator Configuration attribute with that name.
7308	Number of copies is required for {0}.
7309	Line items having different redundant server policies cannot be activated together.
7310	Web register key {0} contains one or more of the following special characters: ', ", &, %, ^, (,), #, @, !, ~, /,<,>,`,},{,=,|.
7311	Short code activation is Denied by the policy. Resubmit the request with policy override if the user has policy override permission.
7312	Cannot find Generator Validator Class {0}.
7313	Need positive count for rehost operation.
7314	Line Item does not have a parent for upgrade, upsell, or renew.
7315	Version date cannot be set on {0} request.
7316	A version start date is required.
7317	Count cannot be more than the remaining copies of the line item {0}.
7318	Expiration date is required.
7319	Expiration date of line item {0} is not set.
7320	Cannot set nodelocked hosts on entitlement line item using license model: {0}.

Error Code	Description
7321	Sold-to account cannot be set on {0} request.
7322	Cannot preload web register keys to bulk entitlement {0}. Web register keys must be added as part of activation.
7323	Partial fulfillments are not allowed for line item {0}.
7324	Identifier {0} is not valid.
7325	Cannot specify host IDs for entitlement line {0} item using license model {1}.
7326	Line items belonging to different license technologies cannot be activated together.
7327	The user {0} has no override policy permission.
7328	Trusted storage licenses cannot be rehosted.
7329	No upgrade relationship between product {0} and {1} exists.
7330	Sold-to account of the upgraded line item must be the same as that of the parent line item.
7331	Nodelocked host ID policy, for portal, is not the same for line item {0} and line item {1}.
7332	The supplied overdraft count {0} is not valid; overdraft cannot be negative.
7333	Maintenance {0} requires expiration date.
7334	Extra activations cannot be set to a number less than the fulfilled extra activations amount {0}.
7335	No data records found.
7336	Entitlement ID {0} contains one or more of the following special characters: ', ", &, %, ^, (,), #, @, !, ~, /,<,>,`,},{,=,|.
7337	Rehosted overdraft count {0} exceeds overdraft count in the fulfillment {1}.
7338	Number of copies cannot be zero for {0}.
7339	Cannot copy entitlement {0}; it has maintenance line items or it has been upgraded, upsold or renewed.
7340	Value specified for number of extra activations lifecycle policy is not valid.
7341	Part number {0} is not mapped to any product.
7342	Number of copies must be a positive integer for {0}.
7343	Entitlement line item {0} has expired on {1}.
7344	The length of the specified valid value ({0}) exceeds the maximum length ({1}) for this attribute.
7345	User does not have permission to perform operation on line item.
7346	Redundant server hosts must be unique.
7347	Not a valid product name.
7348	Cannot define server host ID policy at entitlement time for the selected license model.
7349	Cannot specify nodelocked host IDs for entitlement line {0} item using license model {1}.
7350	Start date has not been specified.
7351	No data records found.
7352	Duration or expiration date is required.
7353	Return operation is not allowed by {0} technology.
7354	Not a valid period for license term {0}; value must be positive.
7355	Number of copies for {0} must be less than the sum of seat counts of all line items upsold from parent {1}.

Error Code	Description
7356	Duration of line item {0} is not set.
7357	Concurrent modification error. Please retry your operation.
7359	Cannot create attribute with no name for license technology {0}.
7360	Cannot perform any support action obsolete fulfillment {0}.
7361	Cannot transfer line item {0} since number of copies is more than the remaining copies.
7362	Only deployed line items allowed for upsell. Line item {0} is not deployed.
7363	Not a valid uniform suite name.
7364	Line item {0} is not marked as upgrade or upsell or renew.
7365	Number of copies must be less than the sum of seat counts of all line items upgraded, upsold or renewed from parent {1}.
7366	Please provide a valid request file.
7367	Publisher error licenses cannot be generated for trusted storage fulfillments.
7368	Server host ID policy, for portal, is not the same for line item {0} and line item {1}.
7369	Redundant license servers are not allowed.
7370	Cannot add web register key {0} to bulk entitlement {1} as part of activation. It must be preloaded.
7371	No data records found.
7372	Version date has not been specified.
7373	Input activation ID cannot be null.
7374	Emergency licenses cannot be generated for trusted storage fulfillments.
7375	The attribute {0} must be a valid integer between 0 and {1}.
7376	License servers of type {0} are not allowed.
7377	License model is required for bulk entitlement to set the model attributes.
7378	Start date is after expiration date.
7379	Generating publisher error licenses is not allowed by {0} technology.
7380	Could not instantiate custom host ID validator class: {0}.
7381	This entitlement contains child line items that have corresponding parent line items belonging to different entitlements. Proceeding with transfer will cause these child line items to be created in the new account with no parent defined.
7382	Stop gap licenses cannot be generated for trusted storage fulfillments.
7383	Cannot change number of copies of line item {0} after fulfillment as license model {1} does not allow partial fulfillments.
7384	Server host ID policy is not the same for line item {0} and line item {1}.
7385	Sold-to account of the parent line item {0} must be the same as that of the child line item {1}.
7386	Server host IDs not unique.
7387	Incorrect number of server hosts specified. Specify either one or three hosts.
7388	Cannot change state of line item {0}, one or more line items refer to it.
7389	Value specified for number of repairs lifecycle policy is not valid.
7390	Maximum extra activations exceeded.

Error Code	Description
7391	Cannot deploy technology {0} because the generator {1} is not valid due to this error: {2}.
7392	Number of copies cannot be set to a number less than the fulfilled amount {0}.
7393	License model attributes of line item {0} is not set.
7395	At least one of default transaction key or virtual transaction key is required for a deployed product or suite associated with trusted license models.
7396	Hosts of type {0} are not allowed by policy.
7397	First server host not specified.
7398	A version date is required.
7399	Overdraft count {0} is not allowed for this request as overdraft is either disabled or exceeded available overdraft count.
7400	Expiration date or duration is required for a local trial ASR.
7401	Cannot deploy test entitlement {0}.
7402	The bulk entitlement ID is not valid.
7403	Count is more than the total fulfilled copies of the parent line item {0} on the host {1}.
7404	Duration cannot be set for a {0} request.
7406	Cannot delete a predefined FlexNet technology attribute.
7407	Cannot perform support actions on inactive entitlement line item {0}.
7408	Specified part number {0} is not valid.
7409	Redundant server hosts are not allowed by policy.
7410	Stop gap license cannot be generated for {0} technology.
7411	This entitlement contains child line items having parent line items belonging to different entitlements. It also contains line items that in turn have child line items belonging to different entitlements.
7412	Not enough permissions for attempted operation.
7413	Expiration date is before today.
7414	Fulfillments belonging to different technologies cannot be consolidated.
7415	Activation ID is required.
7416	Request type {0} is not valid for activation.
7417	Redundant server policy is not the same for line item {0} and line item {1}.
7419	The product {0}, version {1} is already added to the entitlement.
7420	Request type must be renew.
7421	User with user ID {0} does not exist.
7422	Please provide target sold-to account where the entitlement will be transferred.
7423	Cannot create attribute {0} with no 'when' choices. Please select at least one 'when' choice.
7424	Please specify at least one nodelocked host for the server host {0}.
7425	Request type cannot be null.
7426	No product found with the given name {0} and version {1}.
7427	Request type {0} is not valid for a repair request.
7428	Valid values are required.

Error Code	Description
7429	Nodelocked hosts of type {0} are not allowed.
7430	Not a valid maintenance name.
7431	Duration or expiration date is required.
7432	No host IDs specified.
7433	Permanent is set to true and also duration/expiration date is provided. Please specify exactly what type of expiration terms to set.
7434	Invalid product version.
7435	Cannot transfer entitlement {0} since it has active fulfillments. Fulfillments must be returned before the transfer.
7436	Quantity must be a positive integer for {0}.
7437	Cannot update a generator attribute named {0} for license technology {1} because there is already a license model attribute with that name.
7438	No data records found.
7439	Fulfillment cannot be null.
7440	Invalid duration specified for number of rehosts lifecycle policy.
7441	Users belonging to a customer account can only redeem web register keys.
7442	Request is either null or contains empty data.
7443	When logged in with entitlement ID, only the line items that belong to it can be accessed.
7444	Maintenance {0} requires start date.
7445	Specified bulk entitlement ID: {0}, and activation ID: {1} are not compatible. Check to make sure the specified activation ID is not associated with a different bulk entitlement.
7446	Licenses belonging to different customer account units cannot be emailed together. Please select fulfillments belonging to the same customer account unit.
7447	Version start date cannot be set on {0} request.
7448	Cannot deploy line item {0}. The parent entitlement {1} is not deployed.
7449	Request type must be upgrade, upsell or renew.
7450	Trusted or embedded license models cannot be set to line item {0} since it is not a new order and does not have a parent defined.
7451	Value specified for number of rehosts lifecycle policy is not valid.
7452	Duration or expiration date is required for a {0} request.
7453	Request type must be upgrade.
7454	Invalid value specified for number of returns lifecycle policy.
7455	Quantity is required for {0}.
7456	Fulfill count exceeded the seat count of a parent line item.
7457	Request type {0} is not valid for a rehost request.
7458	No data records found.
7459	Line Item {0} does not allow partial fulfillments. Multiple hosts are not allowed.
7460	Consolidate operation cannot be performed for {0} request.
7461	Cannot delete line item {0}. It has been activated.

Error Code	Description
7462	Specified expiration date is not valid.
7463	Not a valid Generator Service Class {0}. This class must implement LicenseGeneratorService interface.
7464	Request type {0} is not valid for a stop gap license request.
7465	Cannot define partial fulfillments policy at entitlement time for the selected license model.
7466	The return of the fulfillment is denied by the return policy because {0}.
7467	Upgrade/Upsell/Renew operation is not allowed by license technology {0}.
7468	Server host ID cannot be ANY, DEMO or ID=. Please enter a valid server host ID.
7469	Rehost operation is not allowed by {0} technology.
7470	Cannot find license Consolidator Class {0}.
7471	Version date is required. Please provide a value.
7472	Version start date has not been specified.
7473	Not licensed for legacy feature override functionality.
7474	Cannot create attribute named {0} for license technology {1} because there is already a license model attribute with that name.
7475	Invalid uniform suite version.
7476	Please provide target entitlement to which the line item will be transferred.
7477	Activation request must contain a count in addition to an overdraft count.
7478	Cannot deploy technology {0} because the license model {1} is not valid due to this error: {2}.
7479	Line items cannot have different license model types.
7480	Cannot delete line item {0}, other line items refer to it.
7481	Fulfillment request type is not set.
7482	Nodelocked host ID policy is not the same for line item {0} and line item {1}.
7483	Attributes are not valid: {0} must not be greater than {1}.
7484	Cannot create text attribute {0} with no text type. Please specify text type.
7485	The model "{0}" cannot support a suite package specification because it is not a counted certificate model.
7486	Number of copies for {0} must be less than the sum of seat counts of all line items upgraded from parent {1}.
7487	Start date is required. Please provide a value.
7488	Emergency license cannot be generated for a {0} technology.
7489	Line items with license models having different partial fulfillments settings cannot be activated together.
7490	Not a valid license Consolidator Class {0}. This class must implement LicenseConsolidator interface.
7491	Cannot set server hosts on entitlement line item using license model: {0}.
7492	Failed to perform the operation.
7493	Only active fulfillments can be consolidated.
7494	Web register key cannot be longer than {0}.
7495	Count specified is more than the fulfilled copies of the parent line item {0} in this fulfillment record.
7496	ASR is missing the transaction key.

Error Code	Description
7497	Number specified for trusted ID search is not valid.
7498	The entitlement line item is not mapped to the users portal account.
7499	Duration {0} is not valid.
7500	Cannot update a license model attribute named {0} for LicenseTechnology {1} because there is already a generator attribute with that name.
7501	Nodelocked host ID cannot be ANY, DEMO or ID=. Please enter a valid nodelocked host ID.
7502	Duration specified for number of repairs lifecycle policy is not valid.
7503	Only deployed line items can be upgraded. Line item {0} is not deployed.
7504	Start date is after expiration date.
7505	Fulfill count exceeded the available seat count.
7506	Unable to process the request. Please contact system administrator.
7507	Host {0} is not allowed by line item {1}.
7508	Web register key is required.
7509	ASR name {0} contains one or more of the following special characters: ', ", &, %, ^, (,), #, @, !, ~, /,<,>,`,},{,=,|.
7510	Line items having different nodelocked host ID policies defined cannot be activated together.
7511	License model is required for line item to set the model attributes.
7512	Cannot update attribute named {0} for license technology {1} as there is no attribute with that name.
7513	Entitlement ID cannot be longer than {0}.
7514	Cannot find Generator Service Class {0}.
7515	Fulfillments belonging to {0} technology cannot be consolidated.
7516	Unable to perform short code activation due to reason: {0}.
7517	No upsell relationship between product {0} and {1} exists.
7518	Activation ID cannot be longer than {0}.
7519	Cannot email license for inactive fulfillment.
7520	Cannot import fulfillments. Line item with activation ID {0} does not exist.
7521	Cannot import fulfillments. Line item with order # {0}, and line # {1} does not exist.
7522	Bulk entitlement ID: {0} is not valid and does not exist in the system.
7523	The existing web register key {0} does not belong to bulk entitlement {1}.
7524	Duration must be an integer greater than 0 for {0}.
7525	Cannot delete line item {0} since it has been referenced by other line items as a result of transfer process.
7526	Max transfers cannot be less than 0 for {0}.
7527	Duration is required for {0}.
7528	Max transfers is required for {0}.
7529	This operation cannot be performed on obsolete fulfillments.
7530	Cannot delete entitlement {0} since it has been referenced by other entitlements as a result of transfer process.

Error Code	Description
7531	This operation cannot be performed since the line item {0} is inactive.
7532	Unauthorized access denied.
7533	Unable to process email. Not a valid email template {0}. Please report to system administrator.
7534	Only one nodelocked host is allowed.
7535	Only one server host ID is allowed.
7536	Partial upgrade/upsell/renew of fulfillment is not possible since parent line item {0} is marked obsolete.
7537	Version date duration must be an integer greater than or equal to 0 for {0}.
7538	Since line item {0} is in test state, the target entitlement to which this will be transferred must also be in the Test State.
7539	Error processing input file.
7540	Version date duration is required for {0}.
7543	Could not instantiate vendor dictionary response class: {0}.
7544	Cannot map activatable item to the user since multiple owners are not allowed.
7545	Merge was not successful. There was an issue with merging hosts between the source and target accounts.
7546	Value specified for number of reinstall lifecycle policy is not valid.
7547	Cancel license policy is not the same for line item {0} and line item {1}.
7548	Selected items must have the same license technology.
7549	Selected items must have the same license model type.
7550	Merge was not successful. There was an issue with merging entitlements between the source and target accounts.
7551	Duration specified for number of reinstall lifecycle policy is not valid.
7552	The reinstall of the fulfillment is denied by the reinstall policy because {0}.
7553	Merge was not successful. There was an issue with merging users between the source and target accounts.
7554	VCG is not able to generate license because of a timeout. Check VCG wait time system configuration setting.
7555	Cannot define cancel license policy at entitlement time for the selected license model.
7556	No VCG for config: {0} at location {1}.
7557	Short code activation failed. More than one fulfillment records found for the given short code and activation ID.
7558	Please select at least one more target host.
7559	Specified value {1} is not valid for the custom attribute {0}. Specify a valid integer number.
7560	Number of short code response override keys {0} are not matching with the keys {1} returned from the ResponseOverrideGenerator.
7561	Response override key name: {0} contains one or more of the following special characters: ', ", &, %, ^, (,), #, @, !, ~, /,<,>,`.
7562	Owner does not belong to the sold-to account.
7563	Short code response overrides generator class {0} was not found.
7564	Empty key name not allowed for response overrides.

Error Code	Description
7565	Number value is not provided for the number type custom attribute: {0}. Please set number value and retry.
7566	Boolean value is not provided for the boolean type custom attribute: {0}. Please set boolean value and retry.
7567	User with user ID {0} does not exist.
7568	Length of attribute {0} is not valid. Maximum length for TEXT and MULTI VALUED TEXT TYPES allowed is 4000 characters.
7569	Custom attribute in request is not valid: {0}.
7570	The publisher ID {0} in the request is not supported by the FNO Server. Please check with your FNO administrator.
7571	At least two fulfillments are required to consolidate.
7572	Owner does not belong to the sold-to account.
7573	Please select at least one host.
7574	Date value is not provided for the date type custom attribute: {0}. Please set date value and retry.
7575	Names of short code response override keys does not match with the keys in the returned data from the ResponseOverrideGenerator.
7576	Response overrides contains duplicate key names. Please remove duplicates and save again.
7577	The max length value for the key name: {0} must be an integer value.
7578	String value is not provided for the text type custom attribute: {0}. Please set string value and retry.
7579	Fulfillment ID: {0} is not trusted type.
7580	Selected expiration date was not valid. Please select a future date.
7581	Online return/repair request for the activation ID {0} is not originated from the original client machine.
7582	Unable to process trusted activation request for transaction ID {0}. Please retry after a while.
7583	The max length value for the key name: {0} must be more than 0.
7584	Source and target hosts are the same.
7586	Please select one target host.
7587	The reinstall request is not valid since there are no fulfillments on this host.
7588	Vendor dictionary response key name: {0} contains one or more of the following special characters: ', ", &, %, ^, (,), #, @, !, ~, /,<,>,`.
7591	Transfer was not successful. There was an issue with returning fulfillments during transfer of entitlement. Please check application log.
7592	No VCG binary "{0}" found at location {1} for host {2}.
8001	Error in selecting {0} data from database.
8002	Transformation process is not valid.
8003	Cannot add required attribute {1} to host type {0}. The host type is used in host entities so the required choice must be set to No.
8004	Error in saving {0} data in database.
8005	Hierarchy can be added only to customer or publisher account.
8006	Counted and uncounted line items cannot be activated together.
8007	Roles not mapped to the user {0}. Please specify roles for the user.

Error Code	Description
8008	Cannot change the time when the attribute {0} is defined since this license model is deployed.
8009	Unable to generate alias ID for short code ASR.
8010	Cannot create user with no accounts and roles. Please add accounts and roles.
8011	Cannot map entitlement to the user since multiple owners are not allowed.
8012	Cannot create User with no last name. Please specify last name.
8013	Cannot create User with no user name. Please specify user name.
8014	Cannot find Filename Generator Class {0}.
8015	The reason for return specified is not valid because there are no {0} line items.
8016	Error in loading driver manager for {0} database.
8017	License can be set only on-hold fulfillments.
8018	The configuration=[{0}] was expected to be configured as an integer but instead was configured as=[{1}].
8019	Cannot create attribute named {0} for license technology {1} because there is already a license host attribute with that name in this technology.
8020	Errors related to database access.
8021	Error in retrieving {0} data from database.
8022	Error in saving {0} to config service.
8023	Unable to read the email template {0}. Please check the log file for more details.
8024	Cannot create technology {0} with no type. Please specify type.
8025	Host attribute named {1} does not exist for license technology {0}.
8026	Product is not associated with a trusted license model.
8027	Selected file not found.
8028	Cannot create account {0} with no name. Please specify name.
8029	Cannot create account {0} with no display name. Please specify account name.
8030	Cannot delete host {0}. It is being used in other entities.
8031	This operation cannot be performed on obsolete consolidated licenses.
8032	Not a valid Filename Generator Class {0}. This class must implement CustomTechFilenameGenerator interface.
8033	Error in retrieving {0} from config service.
8034	Fulfillment is not active.
8035	Cannot create host attribute named {0} for the default host types in FlexNet License Technology.
8036	Only on-hold fulfillments can be deleted.
8037	This operation cannot be performed on on-hold consolidated licenses.
8038	Cannot create User with no first name. Please specify first name.
8039	Error in updating custom attributes definition. Please check the reporting server.
8040	Cannot create User with no email address. Please specify email address.
8041	Unable to perform short code activation; license text does not match that of the ASR.
8042	Unable to find unique 6-digit short code alias ID in the number range 1 to 999999.

Error Code	Description
8043	Roles not mapped to the account {0}. Please specify roles for the account.
8044	This operation cannot be performed on on-hold fulfillments.
8045	ReportManager failed to search reports by description.
8046	Cannot rehost {0}. License technology {1} does not allow rehost operation.
8047	The specified user {0} does not belong to the account unit {1}.
8048	SecurityService failed validating SignonObject.
8049	ReportService failed saving report.
8052	Please provide an account to redeem the web register key.
8053	Account unit {0} cannot be deleted. This account unit owns hosts.
8054	Cannot create attribute named {0} and type {1}. There is already a license attribute created with this name and type of {2} in the license technology {3}.
8055	Cannot create attribute named {0} and type {1}. There is already a Host attribute created with this name and type of {2}.
8056	DataSourceService cannot update an existing DS.
8057	The account cannot be null when saving.
8058	Start date option is required to be set.
8059	Error in retrieving time dimension start and end dates. Please check reporting database.
8060	Cannot perform this operation on selected items. License technology {0} does not allow rehost operation.
8061	ReportService failed executing a report.
8062	Invalid account data specified for saving user.
8063	ReportingPaginationReportsModeHelper failed while getting CurrentPage.
8064	Cannot create account of type PUBLISHER.
8065	Reporting database transform failed, unable to create process in database.
8066	The license model for this request requires a custom host ID but none was supplied.
8067	User ID cannot be null or empty.
8068	Account unit {0} cannot be deleted as one of its users {0} cannot be deleted.
8069	The specified user is null or does not exist in the system.
8070	Activation ID must be present and be valid while saving the user.
8071	The parent account must be specified when adding sub-accounts.
8072	Cannot transfer entitlement {0} in the obsolete or inactive or on-hold state.
8073	No host has been provided for the API - getFulfilledProductCountOnHost.
8074	The account {0} already exists.
8075	SecurityService failed adding user.
8076	ContentStoreService cannot import data file.
8077	User {0} cannot be deleted. This user is the logged-in user.
8078	The PKs specified {0}, {1}, {2}, {3} are not valid and user could not be retrieved.
8079	Cyclic dependency detected, the specified child accounts cannot be added to the parent {0}.

Error Code	Description
8080	Not enough permissions for attempted operation.
8081	Cannot remove the user {0} from the account {1}. The user has to exist in at least one account. If you want to remove the user from the database, please delete the user.
8082	ReportingPaginationMixedModeHelper failed while getting CurrentPage.
8083	Accounts and Roles must be specified while saving the user {0}.
8084	Non FlexNet Domain Users cannot be managed through portal.
8085	ContentStoreService cannot create deployment option package.
8086	ReportService failed getting LastOutputObject.
8087	The sub-account must be specified and existing to retrieve the parents.
8088	User {0} cannot be deleted. This user owns entitlements.
8089	User {0} cannot be deleted. This user has fulfillment history records.
8090	ReportService failed getting report.
8091	ReportService failed querying saved report.
8092	Cannot delete publisher, portal and unknown accounts.
8093	Error in saving {0} data in database.
8094	ReportService failed while getting a list of reports name.
8095	Transformation process is not valid.
8096	DataSourceService cannot update connection string.
8097	ReportService failed while querying ContentManager.
8098	ReportService failed getting report graphics.
8099	ReportService failed saving report.
8100	Addition of sub-account failed. Please see the log.
8101	The parent account must exist in the system to unlink the sub-accounts.
8102	For a user {0} with can login Status, the role set cannot be null or empty.
8103	ReportManager failed to get seed report QueryStrings.
8104	This operation is valid only for on-hold entitlements.
8105	ReportingServerManager failed while setting up reporting server.
8106	DataSourceService failed while adding a new data source.
8107	Error in retrieving {0} data from database.
8108	Host identifier generator class {0} is not valid. This class must implement the HostIdentifierGenerator interface.
8109	Seed users cannot be deleted.
8110	Null user passed for delete operation.
8111	The account could not be retrieved. Please inspect the log for more details.
8112	ReportManager failed to search reports by name.
8113	ReportService failed getting LastReportSearchpath.
8114	Both user ID and account ID are mandatory and cannot be null to retrieve roles.

Error Code	Description
8115	The account and the user must be specified to map the account to the user.
8116	Data transformation failed while retrieving the time ID for entity {0}.
8117	The parent account must exist in the system to retrieve the sub-accounts.
8118	This entitlement line item {0} has child line items. If you transfer this line item child line items may not be activatable.
8119	ReportService failed while getting reports SearchPaths.
8120	Cannot transfer line item {0} since number of copies is more than the number of copies available to transfer.
8121	The sub-account must be specified with adding sub-accounts.
8122	Cannot merge users belonging to home account.
8123	Data transformation failed for entity {0}.
8124	Data transformation failed while retrieving the time ID for entity {0}.
8125	ReportManager failed to get report attributes.
8126	Reporting data transformation failed.
8127	The sub-account(s) must be specified and existing to unlink sub-accounts.
8128	The account name cannot be empty when retrieved by name.
8129	User {0} cannot be deleted. This user has historical web register key import job records.
8130	{0} is not a parent of {1}.
8131	The sub-account has only one parent and unlinking will result in child account unit {0} becoming an orphan.
8132	ReportService failed querying report output.
8133	Cannot perform this operation on host {0}. License technology {1} does not allow rehost operation.
8134	SecurityService failed creating SignonObject.
8135	User {0} cannot be deleted. This user owns entitlement line items.
8136	Start date is required.
8137	The account unit supplied is not compatible with the existing account unit the user belongs to.
8138	Custom attributes transformation failed.
8139	Date value provided for the attribute {0} must be in the format YYYY-MM-DD whereas the value is set as {1}.
8140	ReportService failed adding style to report.
8141	Failed to run the report. Please check the report on reporting server.
8142	User {0} cannot be deleted. This user has state change history records.
8143	Please provide either the number of copies or fulfillment records to transfer the line item {0}.
8144	ReportManager failed to get publisher-report QueryStrings.
8145	Cannot transfer test line item {0}.
8146	User {0} cannot be deleted. This user has historical shipment records.
8147	The user does not belong to this account.
8148	ContentStoreService cannot import data package.

Error Code	Description
8149	Account unit {0} cannot be deleted. This account unit owns entitlements.
8150	Reporting database transform denied, already in process.
8151	DirectoryService failed while creating a new CSFolder.
8152	User {0} cannot be deleted. This user has historical part number import job records.
8153	ReportManager failed to save report.
8154	DataSourceService failed while testing DS connection.
8155	The account and the user must be specified to unmap the account to the user.
8156	User ID must be present and be valid while saving the user.
8157	User ID or/and account ID specified is/are null.
8158	ReportService failed getting search path.
8159	Invaid user data specified when saving the user.
8160	ReportService failed getting a list of objects.
8161	ReportService failed searching reports by description.
8162	The user cannot be null or empty when retrieving the accounts for the user.
8163	ReportManager failed running report.
8164	Failed while testing the reporting server's web port.
8165	User {0} cannot be deleted. This user has historical import job records.
8166	The start date option of define now is not valid for bulk entitlements.
8167	Roles specified for user {0} in the account {0} cannot be empty.
8169	Accounts and Roles must be specified for promoting the user {0}.
8170	ReportService failed querying partial match NamedReport.
8172	Cannot find host identifier generator class {0}.
8173	ContentStoreService cannot import canned reports.
8174	The account unit argument is null or the account unit does not exist {0}.
8175	DataSourceService cannot get query-string given a DSName.
8176	At least one host attribute value must be provided to create the host.
8177	Invalid target account.
8178	ReportingPaginationQueriesModeHelper failed while getting CurrentPage.
8179	ReportManager failed to get report Search Path List.
8180	The sub-account must exist in the system to retrieve the parent accounts.
8181	ReportService failed while scheduling a report.
8182	Reset Password failed, user {0} does not belong to FlexNet domain.
8183	Cannot create hierarchies for portal and unknown accounts {0}.
8184	User {0} cannot be deleted. This user owns host entities.
8185	Error in selecting {0} data from database.
8186	Cannot download license for host {0}. No binary license for license technology {1}.
8187	Self registered user {0} cannot be linked to other accounts.

Error Code	Description
8188	User cannot update his own roles.
8189	Null value for sold-to is populated for IDGenerator. Sold-to name value is required for line item / web register key ID generator.
8190	Accounts and roles must be specified while replacing the accounts and roles the user {0}.
8191	Seed accounts cannot be linked to other accounts.
8192	User {0} cannot belong to both {1} and {2} account types.
8193	Self registered account unit {0} can only have one user.
8194	User(s) [{0}] belong to {1} or its parents and {2} or its children. So, accounts {1} and {2} cannot be linked together.
8195	Cannot download license for host {0}. No consolidator specified for license technology {1}.
8196	Self registered user {0} cannot be linked to other accounts.
8197	Accounts {1} and {2} are in the same account sub-tree. User {0} cannot be mapped to both of them.
8198	Accounts with different types cannot be linked.
8199	User {0} cannot exist without account.
8200	Null Value for productName or Version is populated for IDGenerator. Product name value is required for line item / web register key ID generator.
8201	Reporting custom attribute configuration is already in process. Please contact your reporting administrator for details.
8202	DataSourceService cannot delete an existing DS.
8203	Not enough permissions for creating a custom license technology.
8204	Error sending email since the mail server host provided - {0} - is unknown.
8205	ReportingServerManager failed while setting up custom attributes.
8206	Reporting server configuration is already in process. Please contact your reporting administrator for redeployment.
8207	Not a valid Role Name {0}.
8208	Account unit cannot be null.
8209	Roles cannot be null or empty.
8210	Given child account {0} is already a child of the parent account {1}.
8211	Custom host attribute in request is not valid: {0}.
8212	String value is not provided for the text type custom host attribute: {0}. Please set String value and retry.
8213	Boolean value is not provided for the boolean type custom host attribute: {0}. Please set boolean value and retry.
8214	Number value is not provided for the number type custom host attribute: {0}. Please set number value and retry.
8215	Date Value is not provided for the date type custom host attribute: {0}. Please set date value and retry.
8216	Execution error finding selected accounts for the bulk operation named {0}.
8217	Execution error scheduling the bulk operation named {0}.
8218	Finding selected accounts.
8219	Cannot rehost since license technology does not support hosts.

Error Code	Description
8220	Execution error clearing selected line items for the bulk operation named {0}.
8221	Getting all of a bulk operation's selected line items.
8222	Host identifier generator Classname is required for {0} in license technology {1}.
8223	Execution error building the bulk operation named {0}.
8224	Removing a work item.
8225	Execution error adding selected accounts for the bulk operation named {0}.
8226	Clearing selected line items.
8227	Checking if a bulk operation has a work batch.
8228	Domain user {0} cannot belong to other accounts.
8229	At least one account is required to perform the {0}.
8230	Getting all of a bulk operation's selected accounts.
8231	For the activation ID {0} upgrade Count {1} is not valid. Please supply a positive integer value.
8232	Products {0} added to the entitlement must belong to the same license technology.
8233	A name must be less than 256 characters in length.
8234	Error in query for maintenance items {0}.
8235	At least one target line item is required to do the renewal.
8236	Product Lines can only be added to Publisher Account.
8237	Cannot create attribute with name as date; it is a special keyword.
8238	No data records were found. You do not have enough permission.
8239	Cannot remove bulk operation because a work batch that has not yet executed exists for the bulk operation named {0}.
8240	License technology {0} has multiple host types. Specify a host type.
8241	Repair policies are not the same for license models {0} and {1}.
8242	Cannot build bulk operation named {0} because it has previously been built.
8243	Products in the renewed line item must be the same as that of the parent line item.
8244	Host type {0} does not exist in {1} technology.
8245	Error building product cache.
8246	Execution error removing work batch for the bulk operation named {0}.
8247	A device host ID "{0}" was supplied but the license model is not for a device.
8248	Cannot create text attribute {0} with no text type. Please specify text type.
8249	Cannot create product category attribute {0} because there already exists another attribute with this name in the category.
8250	Cannot update a bulk operation spec after it has been submitted.
8251	Cannot create product category {0} because there already exists another category with this name.
8252	The uncategorized product category cannot be removed from the account.
8253	Not a valid duration {0}.
8254	Checking if a bulk operation has any selected line items.

Error Code	Description
8255	Cannot rehost {0}. License technology {1} is of manual or hands-free type.
8256	Line items belonging to different host types cannot be activated together.
8257	Cannot schedule bulk operation named {0} because it has not been built.
8258	Cancel license policies are not the same for license models {0} and {1}.
8259	Requires a maintenance orderable.
8260	Seed users cannot be removed from this account.
8261	No host identifier has been provided. Host identifier is required to create a host.
8262	Execution error removing selected line items for the bulk operation named {0}.
8263	Execution error checking if any selected line items exist for the bulk operation named {0}.
8264	Cannot set activation ID - maintenance item {0}.
8265	Not a valid support action.
8266	Cannot delete the product category. It is referenced by accounts.
8267	Expiration date is before start date.
8268	No products to upgrade to in bulk operation spec named {0}.
8269	Partner tier name {0} is not valid.
8270	For the activation ID {0} renew Count {1} is not valid. Please supply a positive integer value.
8271	The line item {0} does not have any copies remaining to activate.
8272	Cannot create, edit or delete any license file definitions for FlexNet License Technology.
8273	Execution error during bulk renewal.
8274	Creating a work item.
8275	Not able to start a transaction.
8276	Unable to delete the attribute because it could be referred to by other entities.
8277	Finding selected line items.
8278	Cannot create host type named {0} for License Technology {1} because there is already another host type with that name in the system. Please use Select host type button to re-use it.
8279	Quartz Scheduler Error. Please submit again.
8280	Permanent line items without version date cannot be renewed.
8281	The schedule time submitted is in the past. Please submit a time in the future.
8282	Cannot delete the host type. It is used in products.
8283	At least one from product is required to do the {0}.
8284	Selected items must have the same host type.
8285	Execution error checking if any selected accounts exist for the bulk operation named {0}.
8286	Return policies are not the same for license models {0} and {1}.
8287	Please select one maintenance.
8288	License File Definition {0} does not exist for license technology {1}.
8289	Adding selected line items.
8290	Tier1 channel partner is required.

Error Code	Description
8291	Error during bulk upgrade.
8292	At least one account is required to do the renewal.
8293	Please select at least one product.
8294	Execution error removing selected accounts for the bulk operation named {0}.
8295	Execution error running the bulk operation named {0}.
8296	Finding a work batch.
8297	Cannot copy entitlement as the parent line item {0} of line item {1} belongs to another entitlement.
8298	Preparing statement.
8299	A SQL error occurred while {0}.
8300	Cannot create account with no name.
8301	License File Definition does not exist for license technology {0}.
8302	Cannot delete default product category.
8303	Extra activations policies are not the same for license models {0} and {1}.
8304	Cannot create a required attribute since there are deployed products associated with the category {0}.
8305	Cannot delete the license file definition. Other entities refer to it.
8306	Cannot delete the product category. It is used in orderable.
8307	Cannot remove work batch because work items exist for the bulk operation named {0}.
8308	Cannot configure bulk operation named {0} because it has previously been configured.
8309	Maintenance item {0}.
8310	A SQL error occurred while {0}.
8311	Account {0} already contains product category {1}.
8312	Products {0} added to the entitlement must be linked to at least one common license model.
8313	A name must be entered.
8314	Channel partners must belong to customer account.
8315	Cannot create product category attribute with no name.
8316	Product category attribute does not exist.
8317	Could not find {0} object with unique ID {1}.
8318	The length of the specified valid value ({0}) exceeds the maximum length ({1}) for this attribute.
8319	Execution error adding selected line items for the bulk operation named {0}.
8320	Cannot create product category attribute with no type.
8321	Requires an activation ID.
8322	Execution error clearing selected accounts for the bulk operation named {0}.
8323	Removing selected accounts.
8324	Attribute Name: {0} can only contain characters A-Z, a-z, 0-9 and _ .
8325	Execution error removing bulk operation named {0}.
8326	Please select at least one product to add to the line item.
8327	Product {0} is a maintenance product. It cannot be added to a line item.

Error Code	Description
8328	Performing execute batch on a callable statement.
8329	Checking if a bulk Operation has any selected accounts.
8330	Cannot copy entitlement as the maintenance line item {0} is associated to line item {1} which belongs to another entitlement.
8331	A valid license model of type {0} is not defined on entitlement line item {1}.
8332	Host type ID {0} does not exist.
8333	Rehost policies are not the same for license models {0} and {1}.
8334	Cannot create product category with no name.
8335	Maintenance relationship does not exist between the products of the line items.
8336	Build of account cache failed.
8337	IOperationsQuery input instance not supported by this DAO: {0}({1})".
8338	No license models found for selected products.
8339	At least one target line item is required to do the {0}.
8340	Execution error configuring the bulk operation named {0}.
8341	Clearing selected accounts.
8342	Cannot create host type with no name.
8343	Execution error assembling the status of the bulk operation named {0}.
8344	Cannot delete default host type for FlexNet Licensing technology.
8346	Requires a parent entitlement.
8347	Product category does not exist.
8348	Entity {0} with ID {1} not found.
8349	Execution error finding selected line items for the bulk operation named {0}.
8350	For the product {0} [version {1}] the quantity {2} is not valid; please supply a positive integer value.
8351	Checking if a work batch has any work items.
8352	Sold-to account is not the same for the line items.
8353	Host type does not exist for license technology {0}.
8354	At least one license file is required.
8355	Cannot create host attribute without a host type.
8356	Removing selected line items.
8357	Products {0} added to the entitlement must be linked to the same host type.
8358	Account {0} already contains product line {1}.
8359	Error during bulk renewal.
8360	The name is already in use; a name must be unique.
8361	Cannot create license file definition named {0} for license technology {1} because there is already another file definition with that name in this technology.
8362	Account {0} does not contain product category {1}.
8363	Please provide at least one channel partner.

Error Code	Description
8364	Work batch NOT FOUND for bulk operation named {0}.
8365	Cannot delete the host type. It is referenced by host entities or devices.
8366	User cannot remove himself from an account.
8367	Only certificate or custom technology based child line items can be activated from here.
8368	Host and product do not belong to the same host type.
8369	Execution error closing database connection.
8370	Cannot create product category {0} because there already exists another category with this name.
8371	Product category must be associated with at least one account and cannot be removed.
8372	A start date cannot be set when the specified start date option is set.
8373	Host and product do not belong to the same license technology.
8374	Upgrade, upsell and renewal line item {0} cannot be created when it is linked to multiple products.
8375	Unable to load self-registered user from database.
8376	Please provide version date.
8377	Target account for transfer must be a customer account.
8378	Execution error finding bulk operation for line item {0}.
8379	For the activation ID {0} upsell Count {1} is not valid. Please supply a positive integer value.
8380	Contact {0} cannot be deleted. This contact is referenced in entitlements.
8381	Cannot transfer entitlement {0}. You do not have access to all line items in this entitlement.
8382	Cannot update the storage type of the license file definition since there are fulfillments.
8383	Maintenance item activation ID {0} is already in use.
8384	Products {0} added to the entitlement must be linked to the same license generator configuration.
8385	A description must be less than 256 characters in length.
8387	Products added to the entitlement must be linked to the same default transaction key and the same virtual transaction key (if applicable).
8388	Finding bulk operation for line item.
8389	Unique identifier {0} is not valid.
8390	Entitlement line item can be linked to at most one certificate, one trusted storage and one embedded license model.
8391	Quantity has to be greater than zero.
8392	Description cannot be greater than 2000 characters.
8393	User is not valid.
8394	Account is not valid.
8395	Cannot delete maintenance item in state - {0}.
8396	Version date is required.
8397	Alternate license models cannot be defined for custom technology entitlements.
8398	Maintenance item is not editable.
8399	Cannot create license file definition with no name.

Error Code	Description
8400	Account unit {0} cannot be deleted; it contains product lines. Please unlink the product lines prior to deletion.
8401	UsedOnDevice flag is not applicable to custom technology.
8402	Publisher account {0} cannot be unlinked from its only parent.
8403	Line item {0} is in use by bulk pperation named {1}. Remove the line item from the Bulk Operation or delete the Bulk Operation.
8404	Removing bulk operation named {0}.
8405	Contact {0} does not belong to account unit {1}.
8406	Maintenance item is linked to line items - cannot delete.
8407	You do not have enough license to use channel partner features.
8408	Activation ID generator not generating unique keys after {0} retries for bulk operation spec named {1}.
8409	End customer is not valid for bulk entitlement.
8410	License generator for product is different from the transaction key license generator.
8411	Line item {0} can only be transferred to sub-account of {1}.
8412	Failed to create the web register key entitlement; the sold-to account cannot be determined.
8413	Specified default country code {0} in system configuration is not valid.
8414	Specified country code {0} is not valid.
8415	Return action is not valid with a repair action.
8416	Activate action is not valid with a repair action.
8417	No record found. Activation ID: {0}.
8418	Request cannot be empty. It must contain at least one request action.
20002	Product host type does not match device host type.
20003	Product cannot be null.
20004	Cannot update attributes of obsolete device.
20005	Device cannot be null.
20006	Cannot add new products to obsolete device: "{0}".
20007	Publisher keys are not valid.
20008	Cannot create or update device; requested device ID "{0}" is not unique for publisher and ID type. Another device is already using "{1}".
20009	Product to associate. "{0}", must be in test state for test device "{1}".
20010	Publisher identity cannot be null.
20011	Product "{0}" cannot have features or packages with date based versions.
20012	Product to associate cannot be null.
20013	Problem serializing the publisher identity: {0}.
20014	Cannot parse publisher identity data: {0}.
20015	Orderable to associate must be in draft or deployed state for test device.
20016	Device with ID "{0}" could not be found.
20017	Unable to generate add on license for {0}: {1}.

Error Code	Description
20018	Device cannot be null.
20019	Product "{0}" must have embedded license model.
20020	User name or user identifier is not valid.
20021	The license expiration date must be in the future.
20022	Device identifier is not valid.
20023	Device with ID "{0}" could not be found.
20024	Publisher identifier is not valid.
20025	Organization name or organization identifier is not valid.
20026	Cannot generate license for obsolete device.
20027	Product to associate. "{0}", must be in deployed state for active device "{1}".
20028	Publisher with ID "{0}" could not be found.
20029	Product "{0}" has mismatched host type for device "{1}".
20030	Product "{0}" has mismatched sold-to for device "{1}".
20031	Not a valid state change: Cannot move from "{0}" state to "{1}" state.
20032	Orderable to associate must be in deployed state for active device.
20033	Unexpected add-on type: {0}.
20034	Publisher identity with ID "{0}" could not be found.
20035	Device with ID "{0}" could not be found.
20036	Too many characters in value for {0} field. Maximum length is {1}.
20037	Cannot create device: Device cannot have an empty device ID.
20038	Cannot delete publisher identity because it is in use by one or more devices.
20039	Device with ID "{0}" could not be found.
20040	Cannot create publisher: publisher with name "{0}" already exists.
20041	Cannot create publisher identity: publisher identity with name "{0}" already exists.
20042	Device associated with license model that does not allow use on devices.
20043	Problem signing license: {0}.
20044	Problem serializing license: {0}.
20045	Device associated with product that does not allow use on devices.
20046	Cannot create device, "sold to" organization information is missing.
20047	Host type is not valid.
20048	License model cannot be null.
20049	User does not belong to the submitted organization.
20050	The specified device is a server.
20051	The specified device is a client.
20052	Unable to modify the client ID. The device is a server.
20053	Unable to modify the server IDs. The device is a client.
20054	Product to remove "{0}" is not currently linked.

Error Code	Description
20055	Array parameters have mismatched lengths.
20056	Product "{0}" must have at least one copy for counted license model.
20057	License model not one of those linked to built-in product.
20058	For the product line item {0} the Quantity {1} is not valid; please supply a positive integer value.
20059	Product cannot have features or packages with date based versions.
20060	Product Identifier is not valid.
20061	Cannot create device: device type information missing.
20062	Product "{0}" cannot have more copies assigned than total available.
20063	License model identifier is not valid.
20064	An active device cannot be deleted.
20065	Unable to add a channel partner into a device that already has that tier.
20066	Initialization failed - Unable to set/verify permissions or license.
20067	License model to associate must be in deployed state for deployed orderable.
20069	License model to associate must be in draft or deployed state for draft orderable.
20070	Cannot split the line item since user is not the current owner of the entitlement.
20071	Value provided for the VM_PLATFORMS keyword was not valid.
20072	The device ID "{0}" is expected to be used with client devices.
20073	{0} count is either not supported or incorrect. Please use the exact count type for partial return.
20074	Error in auto-fulfill validation finding fulfillments with a license model type of FLOATING_CERTIFICATE, NODE_LOCKED, or CUSTOM.
20075	Error during Auto fulfill operation.
20076	Inactive, obsolete or expired product "{0}" cannot be added or have copies increased.
20077	Cannot activate line item {0} since the sold-to account has not been specified.
20078	Partner accounts can be associated to other partner or customer accounts.
20079	Please specify at least one channel partner as the current owner of the entitlement.
20080	Trusted activation failed because fulfillment {0} is disabled on the client system.
20081	Time zone values must be defined for entitlement line item {0}.
20082	Only publisher or channel partner users can split the line item.
20083	Host type must be specified for a device to be added.
20084	Unknown device request type.
20085	Cannot claim device that is in obsolete state.
20086	Cannot split line item {0} in the Obsolete or Inactive state.
20087	Host type {0} does not exist in FlexNet technology.
20088	Line Item: {0} is not associated with a trusted license model.
20089	Device request specifies a device ID that is not valid.
20090	Execution error running the email bulk operation named {0}.
20091	Only deployed or test entitlements can be split.

Error Code	Description
20092	Device request references unknown publisher.
20093	This entitlement line item {0} has child line items. If you split this line item, then child line items may not be activatable.
20094	Discovering metadata.
20095	Error fetching supersede signs for parent fulfillment {0}.
20096	Only one of ALLOW_TERMINAL_SERVER and ALLOW_ONE_TERMINAL_SERVER can be set to true in a feature line.
20097	Execution error scheduling {0} email Job for the bulk operation named {1}.
20098	Cannot change state of products for an on-hold device: "{0}".
20099	Bulk operation {0}: cannot auto-fulfill because no entitlement line item has a license model type of FLOATING_CERTIFICATE, NODE_LOCKED, or CUSTOM.
20100	Bulk operation {0}: cannot auto-fulfill because license technology {1} is not allowed in bulk operations.
20101	Line item can only be split to customer or partner accounts.
20102	Invalid account for split.
20103	Non-device passed to transfer device.
20104	Matching line item not found for {0}.
20105	Execution error sending entitlement line item email to address "{0}" in bulk operation named {1} for work item {2} entitlement line item {3}.
20106	Host ID type not valid for nodelocked host ID: {0}.
20107	The device ID "{0}" is expected to be used with server devices.
20108	For the activation ID {0} Overdraft Count {1} is not valid. Please supply a positive integer value.
20109	Cannot schedule email bulk operation named {0} because it has not completed.
20110	Bulk operation {0}: cannot auto-fulfill because license technology is different between source and target products.
20111	Existing device is not a server device.
20112	Cannot activate on Host {0} since it is in the on-hold state.
20113	Device request is missing the device ID.
20114	Cannot claim device that is already claimed by another user.
20115	Existing device is not a client device.
20116	Cannot transfer device "{0}"; product for line item "{1}" must have same value for requested and consumed copies.
20118	Error during bulk entitlement line item email.
20119	Device is not accessible to the logged in user.
20120	Error in auto-fulfill validation finding entitlement line items with a license model type of FLOATING_CERTIFICATE, NODE_LOCKED, or CUSTOM.
20121	Corrupted device request.
20122	Cannot split the line item; the sold-to account has already been specified on the entitlement.
20123	Cannot create or update device; requested device ID "{0}" is not unique for publisher and ID type. Another device is already using "{1}".
20124	Only partner accounts can be associated to other accounts.

Error Code	Description
20125	Sold to information not available for device: {0}.
20126	No wildcards allowed in this host ID: {0}.
20127	Please provide line item to split.
20128	Host type "{0}" does not match host type of existing device "{1}".
20129	Cannot split line item {0} since number of copies is more than the remaining copies.
20130	Device request is missing publisher information.
20131	Device request has a signature that is not valid.
20132	Error verifying the auto-fulfill feature can be used for bulk operation named {0}.
20133	Cannot create device: device type information missing.
20134	A time zone value is required for the license model used by line item {0}.
20135	Device request is for the wrong device: {0} ({1} ID type).
20136	Only one channel partner can be the current owner of the entitlement.
20137	Checking if a completed work batch has any fulfill items.
20138	Error fetching nodelocked host units for parent fulfillment {0}.
20139	Execution error sending fulfillment email to addresses "{0}" in bulk operation named {1} for fulfill item {2} and license fulfillment ID {3}.
20141	Error during fulfillment email.
20142	Bulk operation {0}: cannot auto-fulfill because no fulfillment has a license model type of FLOATING_CERTIFICATE, NODE_LOCKED, or CUSTOM.
20143	Comma not allowed in device ID or too many device IDs specified.
20144	Please provide target sold-to account to split the line item to.
20145	For the activation ID {0} Fulfill Count {1} is not valid. Please supply a positive integer value.
20146	The reason for return request must be a number: 1, 2, 3 or 4.
20147	Cannot transfer device "{0}"; a move for that device already in progress.
20148	Both number and string values not allowed for dictionary entry.
20149	Missing number or string value in dictionary entry.
20150	Cannot Split to tier {0} since this tier has already been defined on the entitlement.
20151	No available copies remaining on {0} to split.
20152	Cannot transfer device "{0}"; the target sold-to is the same as its current sold-to.
20153	Not a valid capability request, unable to process.
20154	Bulk Entitlement {0} does not match the original bulk entitlement {1}.
20155	Line Item {0} does not match the original line item {1}.
20156	Cannot transfer obsolete device(s) "{0}".
20157	Device request has host ID type that does not match host type.
20158	Device request has host ID type that does not match device.
20159	Product cannot be added, line item "{0}" does not exist.
20160	Failed to create unknown device {0} specified in device request: {1}.

Error Code	Description
20161	Cannot transfer device "{0}"; no sold-to information available.
20162	Publisher identity must be specified for a device to be added.
20163	Device request has publisher information that does not match device.
20164	Cannot add partner to device {0} since user is not the current owner.
20165	Failed to create unknown device specified in device request.
20166	Cannot add partner to device {0} since the sold to organization has already been specified.
20167	End Customer cannot be a channel partner account.
20168	Cannot create or update server; requested redundant device IDs "{0}" must not be the same.
20169	Cannot transfer line item {0} since target entitlement {1} is either in the obsolete or inactive state.
20170	Product "{0}" must have sold-to set to be added.
20171	Maintenance item {0} requires an expiration date.
20172	Device request specifies an on-hold device ID.
20173	Cannot relate account to itself.
20174	Product "{0}" cannot be added, user does not have permission.
20175	Cannot delete line item {0} since it has been referenced by other line items as a result of split process.
20176	Cannot delete product {0}; it is currently being used for a device pre-installed license.
20177	Cannot set product {0} to draft state; it is currently being used for a device pre-installed license.
20178	Maintenance item {0} requires a start date.
20179	Device end customer cannot be a channel partner organization.
20180	Cannot transfer host; host {0} already exists in the target account {1}.
20181	Trusted host information is not valid. Please select a valid host.
20182	Maintenance {0} cannot be linked to obsolete line item {1}.
20183	Failed to parse the request file. Please upload a valid file.
20184	Count must be specified for Server Based license Model.
20185	Cannot split the line item since the current owner of the entitlement is not set.
20186	Trusted storage or embedded license models cannot be fulfilled in bulk.
20187	Redundant device capability request: No changes performed to the license.
20188	Device request has host type that does not match device.
20189	Not a valid count: the count specified is more than the fulfill count.
20190	Bulk operation {0}: cannot auto-fulfill because host type is different between source and target products.
20191	Device capability request successful.
20192	Device request has an unknown host type.
20193	License file(s) must not be empty.
20194	Current owner marked on more than one channel partner tier.
20195	Cannot delete line item {0} since it has fulfillment history.
20196	Cannot create an account of Self Registered type.
20197	Please select at least one host.

Error Code	Description
20198	Cannot email license for trusted fulfillments.
20199	Cannot relate two customer accounts.
20200	No license for FlexNet Embedded device support.
20201	Default model must be set before setting alternate models.
20202	Service not applicable for customer users.
20203	The keyword VM_PLATFORMS was introduced in a future version of the VCG. Update your VCG and create a new license generator configuration with the VCG version set.
20204	The keyword TZ was introduced in a future version of the VCG. Update your VCG and create a new license generator configuration with the VCG version set.
20206	No license models is found for entitlement line item {0}.
20207	Cannot merge entitlements; the source {0} and target {1} accounts are of different types.
20208	Cannot transfer line item {0} since it is either in the obsolete or inactive state.
20209	Counted and uncounted line items cannot be repaired together.
20210	The keyword ONE_TS_OK was introduced in a future version of the VCG. Update your VCG and create a new license generator configuration with the VCG version set.
20211	Counted and uncounted line items cannot be returned together.
20212	Products of all line items must be associated with the same publisher ID.
20213	Value specified for trusted request ID search is not valid.
20214	Fulfillments of the parent line item cannot be returned because the host type of child and parent line item is different.
20215	Line items belonging to different customer accounts cannot be returned together.
20216	Invalid activation; both parent and child line items cannot be activated together in a single activation request.
20217	Line items belonging to different customer accounts cannot be repaired together.
20218	Cannot auto-fulfill bulk operation named {0} - license technology {1} does not allow upgrade/upsell/renew operations.
20219	Cannot transfer device "{0}": product line item "{1}" is inactive.
20220	Not a valid maintenance item ID {0}.
20221	Cannot transfer host {0} since it is in the on-hold state.
20222	Redundant server hosts must belong to same family of host ID types.
20223	Please specify valid numeric value for custom attribute "{0}".
20224	Cannot set entitlement line item {0} to draft state; it is currently being used in a device add on.
20225	Cannot delete entitlement line item {0}; it is currently being used in a device add on or short code activation.
20226	A UUID host ID type cannot be mixed with other host ID types in a redundant server.
20227	Not configured to allow redundant servers.
20228	Device request failed.
20229	Cannot delete entitlement {0} since it has been referenced by other entitlements.
20230	Cannot set both TS_OK and ONE_TS_OK in request.

Error Code	Description
20231	Attribute value {0} is not valid.
20232	Line item cannot be upgraded from certificate to trusted.
20233	The specified device is a served client.
20234	The specified device cannot be a served client.
20235	Repair action is not valid with either activate or return action.
20236	States of line item {0} and line item {1} are not the same.
20237	Time zones of line item {0} and line item {1} are not the same.
20238	Time zone of line item {0} is not set.
20239	Some line items require time zone and others do not.
20240	The entitlements being transferred are not visible to any user in the target account.
20241	Cannot define virtual license policy at entitlement time for the selected license model.
20242	User {0} cannot be deleted. This user has product categories assigned.
20243	Type of fulfillment {0} and fulfillment {1} are not the same.
20244	Sold-to of fulfillment {0} and fulfillment {1} are not the same.
20245	For the fulfillment ID {0} return count {1} is not valid. Please supply a positive integer value.
20246	Trusted fulfillments cannot be returned in a batch.
20247	Host ID type not valid for redundant servers.
20248	Unable to re-parse message from server {0} in sync queue.
20249	Host type must have at least one allowed device ID type.
20250	Virtual license policies are not the same for license models {0} and {1}.
20251	Virtual license policy is not the same for line item {0} and line item {1}.
20252	The default device ID type must be an allowed ID type.
20253	Product "{0}" not supported on Virtual Device(s).
20254	Sold-To is not valid.
20255	Device request has host ID type, "{0}", that does not match host type "{1}".
20256	The activation of the fulfillment is denied by the virtualization policy.
20257	Host ID is not valid.
20258	User must have at least one product category assigned.
20259	Device request has device type (server or client) that does not match device.
20260	Host ID type must be specified for a device to be added.
20261	Permanent line items without version date cannot be renewed.
20262	Sold-to is not valid.
20263	User {0} cannot be assigned role {1} in account {2}.
20264	Account is not related to user.
20265	Please supply missing required attributes and retry.
20266	The entitlements being transferred are not visible to any user in the target account.
20267	Part number is not mapped to any of the specified products in the line item.

Error Code	Description
20268	Cannot change the status this user. This user is currently logged into the system.
20269	Template name cannot be empty.
20270	Short code character set must have at least two characters.
20271	Bad short code checksum segment size, {0}, must be either zero or at least 2.
20272	Not a valid short-code request: license template not found.
20273	Not a valid product or suite quantity.
20276	Please select a license model.
20277	Please select a publisher identity.
20278	Nothing selected.
20281	License template with ID "{0}" could not be found.
20282	Cannot create or update template; requested template ID "{0}" is already in use by publisher.
20283	Template ID must be an integer between {0} and {1}.
20284	Please select a valid expiration date.
20285	Please select at least one item.
20288	Short code character set cannot contain space characters.
20289	Device {0} not found.
20290	Short code character set cannot contain duplicate characters ({0}).
20291	Add a product or suite to the license template.
20295	Cannot delete publisher identity because it is in use by one or more license templates.
20298	License model is missing from the product or suite.
20301	Template license model does not match product or suite license model.
20302	Cannot undeploy template: template ID is missing.
20304	Expiration date is not valid.
20308	Cannot undeploy template because some short code activation(s) use it.
20318	Host type is not valid.
20319	Cannot delete a deployed license template.
20322	Cannot change state of line item {0}. It has been used in one or more short code activations.
20329	Selected license model does not support activations on virtual devices.
20331	Cannot delete license template. It is in use by one or more devices for short code activation.
20333	Date based feature is not allowed on items that can be used on devices.
20335	Device ID type not allowed on host type.
20339	Multiple devices with ID {0} were found.
20340	Could not find entitlement.
20341	Date-based features are not allowed in a suite that can be used on device.
20342	Date-based features are not allowed in a product that can be used on device.
20343	Could not find line item.
20344	Template name cannot be empty.

Error Code	Description
20345	Not a valid template.
20346	A template must have a product or suite in it.
20347	Template ID must be an integer between {0} and {1}.
20348	Please select a publisher identity.
20349	Cannot create device: Device cannot have an empty device ID.
20350	Cannot activate short-code request: license template "{0}" has expired.
20351	License template with ID "{0}" is not deployed.
20352	Error:
20353	Not a valid request count.
20354	Keyboard activation is not supported for server devices.
20355	Incorrect expiration date.
20356	License template and line item must have identical license model.
20357	License template and line item must have identical product or suite.
20358	Host type in request code does not match the host type of product or suite in template.
20359	Line item cannot have more than one product or suite.
20360	Cannot activate short-code: device "{0}" is obsolete.
20361	Line item expiration date is missing.
20362	Not a valid license template: publisher identity is missing.
20363	toRequired=Sold to organization is required. Please provide a value.
20364	Expiration date cannot be after license template expiration date.
20365	License model does not support activation on virtual devices.
20366	Requested copies cannot be less than previously requested count {0}.
20367	No orderables found for selected line item.
20368	Selected line item does not have enough copies remaining to generate license.
20369	Not a valid template: expiration date is missing.
20370	Line item "{0}" must have embedded license model.
20371	Not a valid short-code request.
20372	Device "{0}" does not have any host type associated with it.
20373	The specified host ID type is not supported by the VCG. Update your VCG and create a new license generator configuration with the VCG version set.
20374	Requested copies cannot be more than 1 for uncounted license model.
20375	Short response code too long. Maximum length is 2000 characters.
20376	Not a valid short request code.
20377	Cannot activate short-code: device "{0}" is not active.
20378	Cannot generate response: license template has expired.
20379	Line item "{0}" not supported on virtual device(s).
20383	Please select a line item.

Error Code	Description
20384	Please enter a valid number of requested copies for line item.
20385	Selected line item has expired.
20386	Not a valid device: host is missing.
20387	Error occurred when trying to delete: keyboard activation does not exist.
20388	Template does not contain product or suite.
20389	Please enter a valid activation ID.
20390	Unable to validate short code: machine types of the device and the license template do not match.
20391	Product or suite has date-based version.
20392	Cannot find line item "{0}".
20393	Product or suite in template does not have host type associated with it.
20395	Short-code request is missing.
20396	Not a valid short code: {0}.
20397	Not a valid feature activation summary: Feature ID is missing.
20398	Feature activation summary cannot be empty.
20399	Server ID cannot be null.
20401	Line item {0} has mismatched sold-to for device {1}.
20402	Not a valid feature activation summary: Activated count "{0}" is not valid for feature "{1}".
20403	Cannot find activation summary: Feature ID is missing.
20404	Cannot save activation summary: Feature ID is missing.
20405	Device "{0}" cannot switch from buffer license to trusted storage based license.
20406	Device "{0}" cannot switch from trusted storage based license to buffer license.
20407	Buffer response is not supported on a server device.
20408	At least one rightsID is required to generate buffer license on a device.
20409	The email address {0} is not valid.
20410	Device does not have a response to restore to.
20411	RightsID count specified is not valid. Count value must be a positive integer.
20412	Device request has host that is not valid.
20413	Cannot switch between buffer and trusted storage based response.
20414	Existing device is not a served device.
20415	Cannot generate buffer response for a served client device.
20416	Cannot decrease product copies. Device has buffer license.
20417	Cannot generate response for an expired or dropped client.
20418	Unexpected organization id {0} found, please select any organization from the provided list.
20419	Request includes the Activation ID {0} which is a {1} and another Activation ID {2} which is a {3}. Counted and uncounted line items cannot be activated together.
20420	Request includes the Activation ID {0} which is a {1} and another Activation ID {2} which is a {3} . Line items cannot have different license model types.

Error Code	Description
20421	Malformed URI for external service - {0}. Please check application log.
20422	Cannot create more than 256 transaction key configurations.
20423	The value specified for attribute {0} must be a number between {2} and {3}: {1}.
20425	Cannot create license attribute {0} because its name is already used by a line item attribute.
20426	Scale value must be a floating point number.
20427	Cannot edit unknown account.
20428	File and Download Package attribute definitions cannot be deleted.
20429	Base product unique ID {0} is not valid or is unexpected.
20430	Could not find external service URL at application server config - {0}.
20431	Remote execution calling external service - {0}. Please check application log.
20434	The value specified for attribute {0} must be a number: {1}.
20436	Base product {0} already exists.
20437	Valid values cannot have duplicates.
20439	Cannot delete File and Download Package attributes, so {0} cannot be deleted.
20440	Axis error occurred while calling external service - {0}. Please check application log.
20441	Cannot change the name of the portal account.
20442	Attribute {0} is not valid or is inactive.
20444	The value specified for attribute {0} is not a valid interval: {1}/{2}.
20445	The value specified for attribute {0} must be a number no greater than {3}: {1}.
20446	Cannot create product line attribute {0} because its name is already used by a product attribute.
20447	Cannot select product(s) containing a mix of auto-provision enabled license models.
20449	The value specified for attribute {0} must be a number no less than {2}: {1}.
20450	Cannot create custom property. Name is required.
20455	Attribute Name: {0} can contain only characters A-Z, a-z, 0-9, -, and _ . The name must start with a letter or number.
20456	Product identifier is not valid.
20457	Request includes the Activation ID {0}, which is a {1}, and another Activation ID {2}, which is a {3}. Counted and uncounted line items cannot be activated together.
20459	Cannot create technology {0} with no external service URL. Please specify specify Generator Service End Point.
20460	Failed to invoke LFS web service.
20461	Request includes the Activation ID {0}, which is a {1}, and another Activation ID {2}, which is a {3}. Line items cannot have different license model types.
21010	Parent product and child product do not have same maintenance, ignoring.
21012	Parent line item and upgrade product license models do not match.
21013	Parent line item has more than one product, ignoring.
21014	{0} cannot be deleted because it is used in one or more device series.
21015	{0} is not a valid email template.

Error Code	Description
21016	{0} is used in one or more devices.
21017	Email template with {0} variation is either not present or is in draft state.
21018	Short Code Activation failed. One or more fulfillment records found for the given Short Code and activation ID.
21019	An error occurred in generation of identifiers using external generator.
21020	The goToPage specified is not valid.
21021	The specified URL is not proper. The URL must contain either goToPage or continue_Page.
21022	The specified parameter in URL is not valid.
21023	The attribute {0} must be a valid integer between {1} and {2}.
21024	Unexpected account id {0} found, please select any account from the provided list.
21026	Nodelocked host ID {0} cannot be used with nodelocked counted license model.
21027	TPM host ID type is not supported by this VCG. Update your VCG to 16.2.1.0 or more and create a new license generator configuration with the VCG version set.
21028	Sold-to account is required. Please provide a value.
21029	Super admin cannot have an expiry date.
21030	Only a single sortBy is currently supported.
21031	The Entitlement Email Template value {0} is not valid.
21032	Cannot create an account of Self Registered type.
21033	Users cannot update their own expiry date.
21034	Expiry date must be either today or after date.
21035	Missing sortBy in sortBys, must have at least one.

Appendix E: Supported Hostid Types

The following supported FlexNet Publisher host ID types can be differentiated by the Vendor Certificate Generator (VCG):

Hostid Type	Description
ANY	Special FlexNet Publisher Licensing Toolkit host ID ANY. Allows the license to run on any machine.
DEMO	Special FlexNet Publisher Licensing Toolkit host ID DEMO: Can be used only for node-locked licenses, never for Server host IDs. Allows the license to run on any machine.
Ethernet	Ethernet address and also called MAC address. This is the hardware address from the Network Interface Card (NIC). This value consists of 12 hexadecimal digits (a 48-bit number).
TPM ID	The Trusted Platform Module host ID adds an additional layer of security for Windows platform certificate based licensing to minimize software piracy. This feature is available with VCG kit 16.2.2.0. The length of the TPM ID should be in the following format: xxxxx-xxxxx-xxxxx-xxxxx (4 sequences of 5 characters and 3 hyphens for a total of 23 characters). Can be used in conjunction with other host ID types in case of redundant servers.
Long	Used only with Solaris machines. It is the Solaris 32-bit hardware machine ID. This value consists of 8 hexadecimal digits (a 32-bit number).
User	User name: Enter as USER=user_name. The FlexNet C/C++ Licensing toolkit uses the login name. FlexNet Publisher Licensing Toolkit for Java uses the username environment variable.
Host Name	This can a simple host name or a fully qualified DNS name. Host name: Enter as HOSTNAME=host_name.
Display	On Unix, this is the X display name. On Windows, it is the display adapter. Display name: Enter as DISPLAY=display_name.
Routable IP Address	This setting allows you to define the host ID as a routable, public IP addresses. Use the format, INTERNET=w.x.y.z, where each letter represents an octet with a decimal value between 0 and 255. FlexNet Operations validates that the address is not among the private, non-routable sets. The routable address cannot be an address in the primary three reserved, private network address ranges: 10.0.0.0-10.255.255.255, 172.16.0.0-172.31.255.255, and 192.168.0.0-192.168.255.255. In addition, the address cannot be 127.0.0.1 (localhost). ***Note:*** *FlexNet Operations's IP address validation can be disabled in the Administrative Console's system configuration settings and in the VCG.*
Routable IP Address with Wildcards	This setting allows you to define the host ID as a routable, public IP addresses with a wildcard (*) as one or more octets. Use the format, INTERNET=w.x.y.z, where each letter represents an octet with a decimal value between 0 and 255. FlexNet Operations validates that the address is not among the private, non-routable sets. The routable address cannot be an address in the primary three reserved, private network address ranges: 10.0.0.0-10.255.255.255, 172.16.0.0-172.31.255.255, and 192.168.0.0-192.168.255.255. In addition, the address cannot be 127.0.0.1 (localhost). The wildcard rules for routable IP addresses also apply. For an IP address of w.x.y.z • If w is less than or equal to 127, then x, y, and z can be wildcards. • If w is between 127 and 192, then only y and z can be wildcards. • If w is greater than or equal to 192, then only z can be a wildcard. ***Note:*** *FlexNet Operations's IP address validation can be disabled in the Administrative Console's system configuration settings and in the VCG.*

Hostid Type	Description
FLEX*id*	This is for Windows, Mac, Linux only. Locks the software to a PC with a hardware dongle (hardware key) with serial number id_string. The format of this identifier depends on the brand of dongle used. Enter as FLEXID=id_string.
Composite	A composite host ID combines multiple FlexNet Publisher Licensing Toolkit host IDs together to provide a more secure host ID. For instance, you can use USER and Disk SN to identify a host ID. A composite host ID is a hashed 12-character hexadecimal value formed by combining the values of multiple simple host IDs types. If you select the Composite format, you must provide your end user with a program to calculate the Composite host ID for the host machine. Enter as COMPOSITE=comp_id. For more information about using Composite host IDs, see the FlexNet Publisher Licensing Toolkit Toolkit documentation.
Vendor Defined	Pass the vendor-defined host as VENDOR_DEFINED=<vendor_defined_hostid>, where <vendor_defined_hostid> is formed as <name>=<string>. Hence a vendor defined hostid takes the form of VENDOR_DEFINED=<name>=<string>. For example, where TWVDH=2 is the vendor defined hostid as it would appear in a license file, in the web service request you must pass VENDOR_DEFINED=TWVDH=2 A vendor-defined hostid is returned the same way in a query response: ... <nodeIds> <nodeId>VENDOR_DEFINED=TWVDH=2</nodeId> </nodeIds> ... ***Note:*** *If you specify a vendor-defined host ID, you must build your VCG to support your vendor-defined host ID type.* ***Note:*** *You can use a completely new entity to validate the host. The host ID for this entity is defined in Operations as <name>=<string>, where <name> is the entity name you want to use. You must define a list of allowable name values in the VCG. You must also create the code in the application or vendor daemon that obtains the string value.*

Hostid Type	Description
Virtualization-Aware	Virtualization-aware host ID prefixes define server host ID types that permit or restrict the kind of virtual environments, if any, on which a license server can run. These new host ID types begin with PHY_, VM_, VMW_, HPV_, or LMB_. • Use the PHY_ prefix with ETHER, INTERNET, HOSTNAME, DISPLAY, USER, DISK_SERIAL_NUMBER, or FLEXID to restrict license operation to physical machines. • Use the VM_ prefix with UUID to restrict license server operation to any supported virtual environments: Xen, Hyper-V, and VMWare. VM_UUID supersedes VMW_UUID and HPV_UUID. • Use the VMW_ prefix with UUID, ETHER, INTERNET, and HOSTNAME to restrict license server operation to VMWare Workstation and ESX Server virtualizations. VMW_UUID is still supported, but has been superseded by VM_UUID. • Use the HPV_ prefix with UUID, ETHER, INTERNET, HOSTNAME, and VSN to restrict license server operation to Microsoft Hyper-V virtualizations. HPV_UUID is still supported, but has been superseded by VM_UUID. • Use the LMB_ prefix with ETHER, INTERNET, HOSTNAME, or FLEXID (9 or 10) to permit license server operation with bare metal binding. This permits operation in a virtualization but binds the license to the physical host machine. ***Note:*** *VMW_HOSTNAME, HPV_HOSTNAME, and LMB_HOSTNAME host IDs cannot contain wildcards (asterisks).* ***Note:*** *When used with three-server redundancy, virtualization-aware host ID types for all servers in the triad must use the same prefix: PHY_, VW_, VMW_, HPV_, or LMB_.*
Cloud-Specific	Cloud-specific hostid types permit the kinds of cloud-hosted environments, if any, in which the product can operate. There are two server hostid type options and two nodelocked hostid type options: • AMZN Routable EIP Address and AMZN Routable EIP Address with Wildcards—The AMZN_EIP hostid types permit license server operation in Amazon EC2 (public cloud) environments with binding to an elastic IP address. Routable and Routable with Wildcard addresses are supported. Non-routable addresses are not supported. This hostid type cannot be used with three-server redundancy. • AMZN AMI Template ID and AMZN IID Instance ID—The AMZN_AMI and AMZN_IID hostid types permit nodelocked licensing in Amazon EC2 environments with binding to the AMI template ID or AMI instance ID, respectively. Template ID binding is typically used in virtual appliance scenarios. Instance ID binding supports more generic cloud-based usage such as running software in the public cloud or in a virtual private cloud.

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