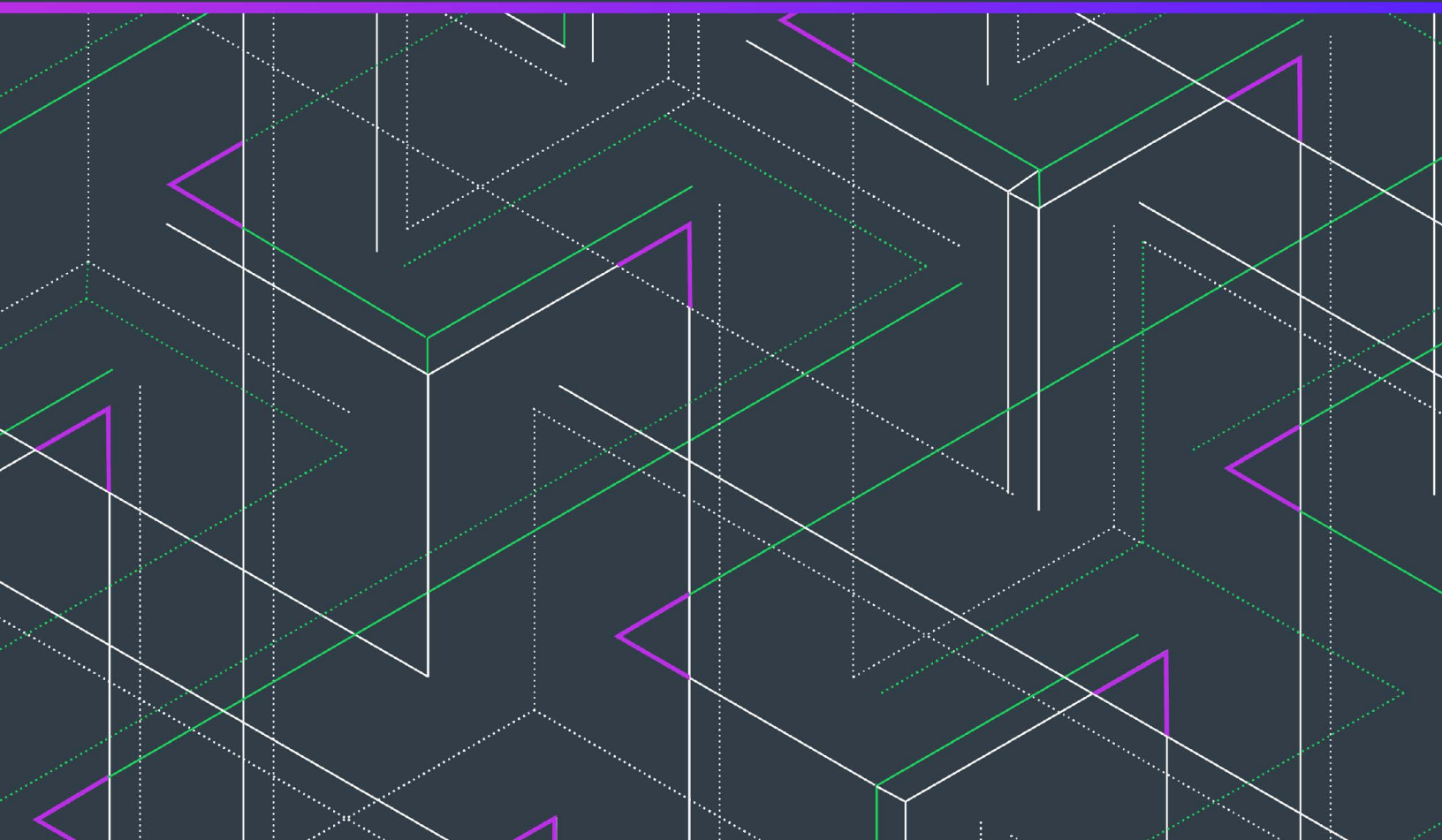


# FlexNet Operations 2023 R1 On Premises

SOAP Web Services Guide



# Legal Information

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# FlexNet Operations 2023 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	v2
Entitlement Order Service	v5
License Service	v1
FlexNet Authentication Service	v1
User Account Hierarchy Service	v5
Manage Device Service	v5
Download Packaging Service	v3
Usage Service	v1

## Sources

Name	Description
<a href="#">ProductPackagingService</a>	Web service to create, update, delete, count and query various product packaging definitions.
<a href="#">EntitlementOrderServiceV5</a>	Web service to create, update, delete, count and query entitlements.
<a href="#">LicenseService</a>	Web service to create, rehost, repair, return, query of license activations.
<a href="#">FlexnetAuthenticationService</a>	Web service to manage Flexnet authentication.
<a href="#">UserAcctHierarchyService</a>	Web service to create, update and query account hierarchies as well as to create, update or delete users and user roles in an account.
<a href="#">ManageDeviceService</a>	Web service to manage devices.
<a href="#">DownloadPackagingService</a>	The Download Packaging Web Service is an add-on to the FlexNet Operations entitlement management system.
<a href="#">UsageService</a>	Web service to retrieve real-time, reconciled usage data for an account.
<a href="#">Appendix-A</a>	Web Service Data Types with Choices
<a href="#">Appendix-B</a>	License Model Attributes
<a href="#">Appendix-C</a>	ClientSecurityCredentials Class Source
<a href="#">Appendix-D</a>	Error Codes
<a href="#">Appendix-E</a>	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
<a href="#">assignProductCategoriesToAcct</a>	The <b>assignProductCategoriesToAcct</b> operation assigns a product category to a publisher account.
<a href="#">assignProductCategoriesToUser</a>	The <b>assignProductCategoriesToUser</b> operation assigns a product category to a user.
<a href="#">createFeature</a>	The <b>createFeature</b> operation adds one or more features.
<a href="#">createFeatureBundle</a>	The <b>createFeatureBundle</b> operation adds one or more feature bundles. To use the <b>createFeatureBundle</b> operation to create a feature bundle, there must be existing draft or deployed features in the FlexNet Operations database.
<a href="#">createMaintenance</a>	<p>The <b>createMaintenance</b> operation adds one or more maintenance products. To use the <b>createMaintenance</b> operation to create a maintenance product:</p> <ul style="list-style-type: none"><li>• 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.</li></ul>
<a href="#">createPartNumber</a>	<p>The <b>createPartNumber</b> operation adds one or more part numbers, either asynchronously or synchronously. By default, part number creation is asynchronous.</p> <p>To use the Product Packaging Service to load unassigned part numbers asynchronously, the <b>Importing Part Numbers</b> alert must be configured. See the <i>FlexNet Operations Online Help</i> 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 <b>Importing Part Numbers</b> alert does not have to be configured to load unassigned part numbers synchronously.</p>

## Methods

Name	Description
<a href="#">createProduct</a>	<p>The <b>createProduct</b> operation adds one or more products. To use the createProduct operation to create a product:</p> <ul style="list-style-type: none"> <li>• There must be existing draft or deployed features and/or feature bundles in the FlexNet Operations database.</li> <li>• There must be at least one existing draft or deployed license technology in the FlexNet Operations database.</li> <li>• If specifying the FlexNet Licensing technology, there must be one or more existing license generator configurations in the FlexNet Operations database.</li> <li>• There must be existing license models in the FlexNet Operations database.</li> <li>• If a product is to be licensed with a trusted license model, there must be existing transaction keys in the FlexNet Operations database.</li> <li>• 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.</li> </ul>
<a href="#">createProductCategory</a>	<p>The <b>createProductCategory</b> operation creates one or more product categories. To create a product category, provide a category name and, optionally, a description.</p>
<a href="#">createProductRelationship</a>	<p>The <b>createProductRelationship</b> operation adds one or more relationships. To use the <b>createProductRelationship</b> 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.</p>

## Methods

Name	Description
<a href="#">createUniformSuite</a>	<p>The <b>createUniformSuite</b> operation adds one or more suites. To use the createUniformSuite operation to create a suite:</p> <ul style="list-style-type: none"> <li>• There must be existing draft or deployed products in the FlexNet Operations database.</li> <li>• There must be at least one existing draft or deployed license technology in the FlexNet Operations database.</li> <li>• If specifying the FlexNet Licensing technology, there must be one or more existing license generator configurations in the FlexNet Operations database.</li> <li>• There must be existing license models in the FlexNet Operations database.</li> <li>• If a suite is to be licensed with a trusted license model, there must be existing transaction keys in the FlexNet Operations database.</li> <li>• 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.</li> </ul>
<a href="#">deleteFeature</a>	The <b>deleteFeature</b> operation deletes one or more features.
<a href="#">deleteFeatureBundle</a>	The <b>deleteFeatureBundle</b> operation deletes one or more feature bundles.
<a href="#">deleteMaintenance</a>	The <b>deleteMaintenance</b> operation deletes one or more maintenance products.
<a href="#">deletePartNumber</a>	The <b>deletePartNumber</b> operation deletes one or more part numbers.
<a href="#">deleteProduct</a>	The <b>deleteProduct</b> operation deletes one or more products.
<a href="#">deleteProductRelationship</a>	The <b>deleteProductRelationship</b> operation deletes one or more relationships.
<a href="#">deleteUniformSuite</a>	The <b>deleteUniformSuite</b> operation deletes one or more suites.
<a href="#">getFeatureBundleCount</a>	The <b>getFeatureBundleCount</b> operation returns the number of feature bundles that match specified criteria.
<a href="#">getFeatureBundlesQuery</a>	The <b>getFeatureBundlesQuery</b> operation returns the feature bundles that match specified criteria.
<a href="#">getFeatureCount</a>	The <b>getFeatureCount</b> operation returns the number of features that match specified criteria.
<a href="#">getFeaturesQuery</a>	The <b>getFeaturesQuery</b> operation returns the features that match specified criteria.
<a href="#">getLicenseModelIdentifiers</a>	The <b>getLicenseModelIdentifiers</b> 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.
<a href="#">getLicenseTechnologiesQuery</a>	The <b>getLicenseTechnologiesQuery</b> operation returns the license technologies that match specified criteria.



## Methods

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

## Methods

Name	Description
<a href="#">updateProduct</a>	The <b>updateProduct</b> operation modifies one or more elements of one or more products.
<a href="#">updateProductRelationship</a>	The <b>updateProductRelationship</b> operation modifies one or more elements of one or more relationships.
<a href="#">updateUniformSuite</a>	The <b>updateUniformSuite</b> 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	<a href="#">handleProductCategoryToAcctRequestType</a>	Input	See <a href="#">handleProductCategoryToAcctRequestType</a> .

### Returns

A [assignProductCategoriesToAcctResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>
		<b>reason</b>	string	Gives a reason for partial failure or failure.

## Method: assignProductCategoriesToUser

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">handleProductCategoriesToUserRequestType</a>	Input	See <a href="#">handleProductCategoriesToUserRequestType</a> .

### Returns

A [assignProductCategoriesToUserResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>
		<b>reason</b>	string	Gives a reason for partial failure or failure.

## Method: createFeature

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">createFeatureRequestType</a>	Input	See <a href="#">createFeatureRequestType</a> .

### Returns

A [createFeatureResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedFeatureDataListType</a>	Information about the features that were not added is listed in the <b>failedData</b> element. See <a href="#">failedFeatureDataListType</a> .									
responseData	<a href="#">createdFeatureDataListType</a>	Information about the features that were added is listed in the <b>responseData</b> element. See <a href="#">createdFeatureDataListType</a> .									

## 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	<a href="#">createFeatureBundleRequestType</a>	Input	See <a href="#">createFeatureBundleRequestType</a> .

### Returns

A [createFeatureBundleResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedFeatureBundleDataListType</a>	Information about the feature bundles that were not added is listed in the <b>failedData</b> element. See <a href="#">failedFeatureBundleDataListType</a> .									
responseData	<a href="#">createdFeatureBundleDataListType</a>	Information about the feature bundles that were added is listed in the <b>responseData</b> element. See <a href="#">createdFeatureBundleDataListType</a> .									

## 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	<a href="#">createMaintenanceRequestType</a>	Input	See <a href="#">createMaintenanceRequestType</a> .

### Returns

A [createMaintenanceResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Status Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All maintenance products in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the maintenance products in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.

## Returns

Name	Type	Description
failedData	<a href="#">failedMaintenanceDataListType</a>	Information about the maintenance products that were not added is listed in the <b>failedData</b> element. See <a href="#">failedMaintenanceDataListType</a> .
responseData	<a href="#">createdMaintenanceDataListType</a>	Information about the maintenance products that were added is listed in the <b>responseData</b> element. See <a href="#">createdMaintenanceDataListType</a> .



## 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	<a href="#">createPartNumberRequestType</a>	Input	See <a href="#">createPartNumberRequestType</a> .

### Returns

A [createPartNumberResponse](#) element having the structure defined by the following table.

## Returns

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:<ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>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.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>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.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all part numbers in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>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.</li></ul>									
reason	string	Gives reason for partial failure or failure.									

## Returns

Name	Type	Description
failedData	<a href="#">failedPartNumberDataListType</a>	Information about the part numbers that were not added is listed in the <b>failedData</b> element. See <a href="#">failedPartNumberDataListType</a> . Not populated for asynchronous requests.
responseData	<a href="#">createdPartNumberDataListType</a>	Information about the part numbers that were added is listed in the <b>responseData</b> element. See <a href="#">createdPartNumberDataListType</a> . 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	<a href="#">createProductRequestType</a>	Input	See <a href="#">createProductRequestType</a> .

### Returns

A [createProductResponse](#) element having the structure defined by the following table.

## Returns

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

## 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	<a href="#">createProductCategoryRequestType</a>	Input	See <a href="#">createProductCategoryRequestType</a> .

### 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:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedProductCategoryDataListType</a>	Information about the categories that were not added is listed in the <b>failedData</b> element. See <a href="#">failedProductCategoryDataListType</a>									
responseData	<a href="#">createdProductCategoryDataListType</a>	Information about the categories that were added is listed in the <b>responseData</b> element. See <a href="#">createdProductCategoryDataListType</a> .									

## 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	<a href="#">createProductRelationshipRequestType</a>	Input	See <a href="#">createProductRelationshipRequestType</a> .

### 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><b>status</b></td><td>StatusInfo</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusInfo	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusInfo	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedProductRelationshipDataListType</a>	Information about the relationships that were not added is listed in the <b>failedData</b> element. See <a href="#">failedProductRelationshipDataListType</a> .									

## 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	<a href="#">createUniformSuiteRequestType</a>	Input	See <a href="#">createUniformSuiteRequestType</a> .

### Returns

A [createUniformSuiteResponse](#) element having the structure defined by the following table.



## Returns

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

## Method: deleteFeature

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">deleteFeatureRequestType</a>	Input	See <a href="#">deleteFeatureRequestType</a> .

### Returns

A [deleteFeatureResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedDeleteFeatureDataListType</a>	Information about the features that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteFeatureDataListType</a> .									

## Method: deleteFeatureBundle

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">deleteFeatureBundleRequestType</a>	Input	See <a href="#">deleteFeatureBundleRequestType</a> .

### Returns

A [deleteFeatureBundleResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td><b>response</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	<b>response</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>									
<b>response</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedDeleteFeatureBundleDataListType</a>	Information about the feature bundles that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteFeatureBundleDataListType</a> .									

## Method: deleteMaintenance

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">deleteMaintenanceRequestType</a>	Input	See <a href="#">deleteMaintenanceRequestType</a> .

### Returns

A [deleteMaintenanceResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedDeleteMaintenanceDataListType</a>	Information about the maintenance products that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteMaintenanceDataListType</a> .									

## Method: deletePartNumber

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">deletePartNumberRequestType</a>	Input	See <a href="#">deletePartNumberRequestType</a> .

### Returns

A [deletePartNumberResponse](#) element having the structure defined by the following table.

## Returns

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

## Returns

Name	Type	Description
failedData	<a href="#">failedDeletePartNumberDataListType</a>	Information about the part numbers that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeletePartNumberDataListType</a> .

## Method: deleteProduct

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">deleteProductRequestType</a>	Input	See <a href="#">deleteProductRequestType</a> .

### Returns

A [deleteProductResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were rocessed.</li><li>PARTIAL_FAILURE—Some, but not all products n the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request ere processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were rocessed.</li><li>PARTIAL_FAILURE—Some, but not all products n the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request ere processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were rocessed.</li><li>PARTIAL_FAILURE—Some, but not all products n the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request ere processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedDeleteProductDataListType</a>	Information about the products that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteProductDataListType</a> .									



## Method: deleteProductRelationship

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">deleteProductRelationshipRequestType</a>	Input	See <a href="#">deleteProductRelationshipRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedProductRelationshipDataListType</a>	Information about the relationships that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedProductRelationshipDataListType</a>									

## Method: deleteUniformSuite

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">deleteUniformSuiteRequestType</a>	Input	See <a href="#">deleteUniformSuiteRequestType</a> .

### Returns

A [deleteUniformSuiteResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedDeleteUniformSuiteDataListType</a>	Information about the suites that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteUniformSuiteDataListType</a> .									

## Method: getFeatureBundleCount

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getFeatureBundleCountRequestType</a>	Input	See <a href="#">getFeatureBundleCountRequestType</a> .

### Returns

A [getFeatureBundleCountResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.
responseData	<a href="#">getCountResponseDataType</a>	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	<a href="#">getFeatureBundlesQueryRequestType</a>	Input	See <a href="#">getFeatureBundlesQueryRequestType</a> .

### Returns

A [getFeatureBundlesQueryResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.
responseData	<a href="#">getFeatureBundlesQueryResponseType</a>	See <a href="#">getFeatureBundlesQueryResponseType</a> .		

## Method: getFeatureCount

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getFeatureCountRequestType</a>	Input	See <a href="#">getFeatureCountRequestType</a> .

### Returns

A [getFeatureCountResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getCountResponseDataType</a>	Contains an integer count element.									

## Method: getFeaturesQuery

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getFeaturesQueryRequestType</a>	Input	See <a href="#">getFeaturesQueryRequestType</a> .

### Returns

A [getFeaturesQueryResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getFeaturesQueryResponseDataType</a>	See <a href="#">getFeaturesQueryResponseDataType</a> .									

## 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	<a href="#">getModelIdentifiersRequestType</a>	Input	See <a href="#">getModelIdentifiersRequestType</a> .

### Returns

A [getModelIdentifiersResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">modelIdentifiersDataListType</a>	See <a href="#">modelIdentifiersDataListType</a> .									

## Method: getLicenseTechnologiesQuery

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getLicenseTechnologyQueryRequestType</a>	Input	See <a href="#">getLicenseTechnologyQueryRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All accounts in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all accounts in the request were processed.</li><li>FAILURE—None of the accounts in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All accounts in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all accounts in the request were processed.</li><li>FAILURE—None of the accounts in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All accounts in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all accounts in the request were processed.</li><li>FAILURE—None of the accounts in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">licenseTechnologyDataListType</a>	Information about the license technologies that matched the query is listed in the <b>responseData</b> element. See <a href="#">licenseTechnologyDataListType</a> .									



## Method: getMaintenanceCount

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getMaintenanceCountRequestType</a>	Input	See <a href="#">getMaintenanceCountRequestType</a> .

### Returns

A [getMaintenanceCountResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getCountResponseDataType</a>	Contains an integer <b>count</b> element.									

## Method: getMaintenanceQuery

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getMaintenanceQueryRequestType</a>	Input	See <a href="#">getMaintenanceQueryRequestType</a> .

### Returns

A [getMaintenanceQueryResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getMaintenanceQueryResponseType</a>	See <a href="#">getMaintenanceQueryResponseType</a> .									

## Method: **getPartNumberCount**

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getPartNumberCountRequestType</a>	Input	See <a href="#">getPartNumberCountRequestType</a> .

### Returns

A [getPartNumberCountResponse](#) element having the structure defined by the following table.

## Returns

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

## Returns

Name	Type	Description
responseData	<a href="#">partNumberCountDataType</a>	Contains an integer <b>count</b> element. See <a href="#">partNumberCountDataType</a> .

## Method: **getPartNumbersQuery**

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getPartNumbersQueryRequestType</a>	Input	See <a href="#">getPartNumbersQueryRequestType</a> .

### Returns

A [getPartNumbersQueryResponse](#) element having the structure defined by the following table.

## Returns

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

## Returns

Name	Type	Description
responseData	<a href="#">partNumberDataListType</a>	See <a href="#">partNumberDataListType</a> .



## Method: getProductCategories

### Description

The **getProductCategories** operation returns all product categories.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getProductCategoriesRequestType</a>	Input	See <a href="#">getProductCategoriesRequestType</a> .

### Returns

A [getProductCategoriesResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	<b>reason</b>	string	Gives a reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>									
<b>reason</b>	string	Gives a reason for partial failure or failure.									
responseData	<a href="#">getProductCategoriesResponseDataType</a>	A <b>getProductCategoriesResponse</b> contains an array of <b>responseData</b> elements. See <a href="#">getProductCategoriesResponseDataType</a> .									

## Method: getProductCount

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getProductCountRequestType</a>	Input	See <a href="#">getProductCountRequestType</a> .

### Returns

A [getProductCountResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getCountResponseDataType</a>	Contains an integer <b>count</b> element. See <a href="#">getCountResponseDataType</a> .									

## Method: getProductRelationships

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getProductRelationshipsRequestType</a>	Input	See <a href="#">getProductRelationshipsRequestType</a> .

### Returns

A [getProductRelationshipsResponse](#) 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>	Element	Data Type	Description	status	StatusType	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.
Element	Data Type	Description									
status	StatusType	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.									
relationship	<a href="#">productRelationshipDataType</a>	A <b>getProductRelationshipsResponse</b> contains an array of <b>relationship</b> elements. See <a href="#">productRelationshipDataType</a> .									

## Method: **getProductsQuery**

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getProductsQueryRequestType</a>	Input	See <a href="#">getProductsQueryRequestType</a> .

### Returns

A [getProductsQueryResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getProductsQueryResponseDataType</a>	See <a href="#">getProductsQueryResponseDataType</a> .									

## 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	<a href="#">getTransactionKeyIdentifiersRequestType</a>	Input	See <a href="#">getTransactionKeyIdentifiersRequestType</a> .

### 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:<ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">transactionKeyIdentifiersDataListType</a>	See <a href="#">transactionKeysIdentifiersDataListType</a> .									

## Method: getUniformSuiteCount

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getUniformSuiteCountRequestType</a>	Input	See <a href="#">getUniformSuiteCountRequestType</a> .

### Returns

A [getUniformSuiteCountResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.
responseData	<a href="#">getCountResponseDataType</a>	Contains an integer <b>count</b> element.		

## Method: getUniformSuiteQuery

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getUniformSuitesQueryRequestType</a>	Input	See <a href="#">getUniformSuitesQueryRequestType</a> .

### Returns

A [getUniformSuitesQueryResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.
responseData	<a href="#">getUniformSuitesQueryResponseDataType</a>	See <a href="#">getUniformSuitesQueryResponseDataType</a> .		

## Method: getUsersForProductCategory

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getUsersForProductCategoryRequestType</a>	Input	See <a href="#">getUsersForProductCategoryRequestType</a> .

### Returns

A [getUsersForProductCategoryResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>									
reason	string	Gives a reason for partial failure or failure.									
userData	<a href="#">getUsersForProductCategoryResponseDataType</a>	A <b>getUsersForProductCategoryResponseDataType</b> contains an array of <b>userData</b> elements. See <a href="#">getUsersForProductCategoryResponseDataType</a> .									



## Method: removeProductCategoriesFromAcct

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">handleProductCategoryToAcctRequestType</a>	Input	See <a href="#">handleProductCategoryToAcctRequestType</a> .

### Returns

A [removeProductCategoriesFromAcctResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>
		<b>reason</b>	string	Gives a reason for partial failure or failure.

## Method: removeProductCategoriesFromUser

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">handleProductCategoriesToUserRequestType</a>	Input	See <a href="#">handleProductCategoriesToUserRequestType</a> .

### Returns

A [removeProductCategoriesFromUserResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>
		<b>reason</b>	string	Gives a reason for partial failure or failure.

## Method: setFeatureBundleState

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">setFeatureBundleStateRequestType</a>	Input	See <a href="#">setFeatureBundleStateRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedFeatureBundleStateDataListType</a>	Information about the feature bundles whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedFeatureBundleStateDataListType</a> .									

## Method: setFeatureState

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">setFeatureStateRequestType</a>	Input	See <a href="#">setFeatureStateRequestType</a> .

### Returns

A [setFeatureStateResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedFeatureStateDataListType</a>	Information about the features whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedFeatureStateDataListType</a> .									

## Method: setMaintenanceState

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">setMaintenanceStateRequestType</a>	Input	See <a href="#">setMaintenanceStateRequestType</a> .

### Returns

A [setMaintenanceStateResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedMaintenanceStateDataListType</a>	Information about the maintenance products whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedMaintenanceStateDataListType</a> .									

## Method: setProductState

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">setProductStateRequestType</a>	Input	See <a href="#">setProductStateRequestType</a> .

### Returns

A [setProductStateResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedProductStateDataListType</a>	Information about the products whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedProductStateDataListType</a> .									

## Method: setUniformSuiteState

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">setUniformSuiteStateRequestType</a>	Input	See <a href="#">setUniformSuiteStateRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUniformSuiteStateDataListType</a>	Information about the suites whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedUniformSuiteStateDataListType</a> .									

## Method: updateFeature

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateFeatureRequestType</a>	Input	See <a href="#">updateFeatureRequestType</a> .

### Returns

A [updateFeatureResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateFeatureDataListType</a>	Contains one or more <b>failedFeature</b> elements. See <a href="#">failedUpdateFeatureDataListType</a> .									



## Method: updateFeatureBundle

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateFeatureBundleRequestType</a>	Input	See <a href="#">updateFeatureBundleRequestType</a> .

### Returns

A [updateFeatureBundleResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateFeatureBundleDataListType</a>	Information about the feature bundles that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateFeatureBundleDataListType</a> .									

## Method: updateMaintenance

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateMaintenanceRequestType</a>	Input	See <a href="#">updateMaintenanceRequestType</a> .

### Returns

A [updateMaintenanceResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateMaintenanceDataListType</a>	Information about the maintenance products that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateMaintenanceDataListType</a> .									

## Method: updateProduct

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateProductRequestType</a>	Input	See <a href="#">updateProductRequestType</a> .

### Returns

A [updateProductResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateProductDataListType</a>	Information about the products that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateProductDataListType</a> .									

## Method: updateProductRelationship

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateProductRelationshipRequestType</a>	Input	See <a href="#">updateProductRelationshipRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateProductRelationshipDataListType</a>	Information about the relationships that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateProductRelationshipDataListType</a> .									

## Method: updateUniformSuite

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateUniformSuiteRequestType</a>	Input	See <a href="#">updateUniformSuiteRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateUniformSuiteDataListType</a>	Information about the suites that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateUniformSuiteDataListType</a> .									

# Complex Types: ProductPackagingService

## Complex Types

Name
<a href="#">accountIdentifierType</a>
<a href="#">accountPKType</a>
<a href="#">addressDataType</a>
<a href="#">attributeDescriptorDataType</a>
<a href="#">attributeDescriptorType</a>
<a href="#">attributeMetaDescriptorDataType</a>
<a href="#">attributeMetaDescriptorType</a>
<a href="#">categoryAttributeDataType</a>
<a href="#">categoryAttributesDataType</a>
<a href="#">correlationDataType</a>
<a href="#">createdFeatureBundleDataListType</a>
<a href="#">createdFeatureDataListType</a>
<a href="#">createdFeatureDataType</a>
<a href="#">createdMaintenanceDataType</a>
<a href="#">createdMaintenanceDataListType</a>
<a href="#">createdPartNumberDataListType</a>
<a href="#">createdPartNumberDataType</a>
<a href="#">createdProductCategoryDataListType</a>
<a href="#">createdProductCategoryDataType</a>
<a href="#">createdProductDataListType</a>
<a href="#">createdProductDataType</a>
<a href="#">createdUniformSuiteDataListType</a>
<a href="#">createdUniformSuiteDataType</a>
<a href="#">createFeatureBundleDataType</a>
<a href="#">createFeatureBundleRequestType</a>
<a href="#">createFeatureBundleResponseType</a>
<a href="#">createFeatureRequestType</a>
<a href="#">createFeatureResponseType</a>
<a href="#">createMaintenanceDataType</a>
<a href="#">createMaintenanceRequestType</a>
<a href="#">createMaintenanceResponseType</a>
<a href="#">createPartNumberDataType</a>
<a href="#">createPartNumberRequestType</a>
<a href="#">createPartNumberResponseType</a>

## Complex Types

Name
<a href="#"><u>createProductCategoryDataType</u></a>
<a href="#"><u>createProductCategoryRequestType</u></a>
<a href="#"><u>createProductCategoryResponseType</u></a>
<a href="#"><u>createProductDataType</u></a>
<a href="#"><u>createProductRelationshipRequestType</u></a>
<a href="#"><u>createProductRelationshipResponseType</u></a>
<a href="#"><u>createProductRequestType</u></a>
<a href="#"><u>createProductResponseType</u></a>
<a href="#"><u>createUniformSuiteDataType</u></a>
<a href="#"><u>createUniformSuiteRequestType</u></a>
<a href="#"><u>createUniformSuiteResponseType</u></a>
<a href="#"><u>customAttributeDescriptorDataType</u></a>
<a href="#"><u>customAttributeDescriptorType</u></a>
<a href="#"><u>customAttributeQueryType</u></a>
<a href="#"><u>customAttributesQueryListType</u></a>
<a href="#"><u>DateQueryType</u></a>
<a href="#"><u>DateTimeQueryType</u></a>
<a href="#"><u>deleteFeatureBundleDataType</u></a>
<a href="#"><u>deleteFeatureBundleRequestType</u></a>
<a href="#"><u>deleteFeatureBundleResponseType</u></a>
<a href="#"><u>deleteFeatureDataType</u></a>
<a href="#"><u>deleteFeatureRequestType</u></a>
<a href="#"><u>deleteFeatureResponseType</u></a>
<a href="#"><u>deleteMaintenanceDataType</u></a>
<a href="#"><u>deleteMaintenanceRequestType</u></a>
<a href="#"><u>deleteMaintenanceResponseType</u></a>
<a href="#"><u>deletePartNumberDataType</u></a>
<a href="#"><u>deletePartNumberRequestType</u></a>
<a href="#"><u>deletePartNumberResponseType</u></a>
<a href="#"><u>deleteProductDataType</u></a>
<a href="#"><u>deleteProductRelationshipRequestType</u></a>
<a href="#"><u>deleteProductRelationshipResponseType</u></a>
<a href="#"><u>deleteProductRequestType</u></a>
<a href="#"><u>deleteProductResponseType</u></a>
<a href="#"><u>deleteUniformSuiteDataType</u></a>

## Complex Types

Name
<a href="#">deleteUniformSuiteRequestType</a>
<a href="#">deleteUniformSuiteResponseType</a>
<a href="#">dupGroupDataType</a>
<a href="#">DurationType</a>
<a href="#">emailContactListType</a>
<a href="#">entitledProductDataListType</a>
<a href="#">entitledProductDataType</a>
<a href="#">entitlementIdentifierType</a>
<a href="#">entitlementLineItemIdentifierType</a>
<a href="#">entitlementLineItemPKType</a>
<a href="#">entitlementPKType</a>
<a href="#">failedDeleteFeatureBundleDataListType</a>
<a href="#">failedDeleteFeatureBundleDataType</a>
<a href="#">failedDeleteFeatureDataListType</a>
<a href="#">failedDeleteFeatureDataType</a>
<a href="#">failedDeleteMaintenanceDataListType</a>
<a href="#">failedDeleteMaintenanceDataType</a>
<a href="#">failedDeletePartNumberDataListType</a>
<a href="#">failedDeletePartNumberDataType</a>
<a href="#">failedDeleteProductDataListType</a>
<a href="#">failedDeleteProductDataType</a>
<a href="#">failedDeleteUniformSuiteDataListType</a>
<a href="#">failedDeleteUniformSuiteDataType</a>
<a href="#">failedFeatureBundleDataListType</a>
<a href="#">failedFeatureBundleDataType</a>
<a href="#">failedFeatureBundleStateDataListType</a>
<a href="#">failedFeatureBundleStateDataType</a>
<a href="#">failedFeatureDataListType</a>
<a href="#">failedFeatureDataType</a>
<a href="#">failedFeatureStateDataListType</a>
<a href="#">failedFeatureStateDataType</a>
<a href="#">failedMaintenanceDataListType</a>
<a href="#">failedMaintenanceDataType</a>
<a href="#">failedMaintenanceStateDataListType</a>
<a href="#">failedMaintenanceStateDataType</a>



## Complex Types

Name
<a href="#">failedPartNumberDataListType</a>
<a href="#">failedPartNumberDataType</a>
<a href="#">failedProductCategoryDataListType</a>
<a href="#">failedProductCategoryDataType</a>
<a href="#">failedProductDataListType</a>
<a href="#">failedProductDataType</a>
<a href="#">failedProductRelationshipDataListType</a>
<a href="#">failedProductRelationshipDataType</a>
<a href="#">failedProductStateDataListType</a>
<a href="#">failedProductStateDataType</a>
<a href="#">failedUniformSuiteDataListType</a>
<a href="#">failedUniformSuiteDataType</a>
<a href="#">failedUniformSuiteStateDataListType</a>
<a href="#">failedUniformSuiteStateDataType</a>
<a href="#">failedUpdateFeatureBundleDataListType</a>
<a href="#">failedUpdateFeatureBundleDataType</a>
<a href="#">failedUpdateFeatureDataListType</a>
<a href="#">failedUpdateFeatureDataType</a>
<a href="#">failedUpdateMaintenanceDataListType</a>
<a href="#">failedUpdateMaintenanceDataType</a>
<a href="#">failedUpdateProductDataListType</a>
<a href="#">failedUpdateProductDataType</a>
<a href="#">failedUpdateProductRelationshipDataListType</a>
<a href="#">failedUpdateProductRelationshipDataType</a>
<a href="#">failedUpdateUniformSuiteDataListType</a>
<a href="#">failedUpdateUniformSuiteDataType</a>
<a href="#">featureBundleIdentifierType</a>
<a href="#">featureBundleIdentifierWithCountDataType</a>
<a href="#">featureBundlePKType</a>
<a href="#">featureBundleQueryDataType</a>
<a href="#">featureBundleQueryParametersType</a>
<a href="#">featureBundlesListType</a>
<a href="#">featureBundleStateDataType</a>
<a href="#">featureDataType</a>
<a href="#">featureIdentifierType</a>

## Complex Types

Name
<a href="#"><u>featureIdentifierWithCountDataType</u></a>
<a href="#"><u>featureOverrideParamsType</u></a>
<a href="#"><u>featurePKType</u></a>
<a href="#"><u>featureQueryDataType</u></a>
<a href="#"><u>featureQueryParametersType</u></a>
<a href="#"><u>featuresListType</u></a>
<a href="#"><u>featureStateDataType</u></a>
<a href="#"><u>fulfillmentIdentifierType</u></a>
<a href="#"><u>fulfillmentPKType</u></a>
<a href="#"><u>getCountResponseDataType</u></a>
<a href="#"><u>getFeatureBundleCountRequestType</u></a>
<a href="#"><u>getFeatureBundleCountResponseType</u></a>
<a href="#"><u>getFeatureBundlesQueryRequestType</u></a>
<a href="#"><u>getFeatureBundlesQueryResponseDataType</u></a>
<a href="#"><u>getFeatureBundlesQueryResponseType</u></a>
<a href="#"><u>getFeatureCountRequestType</u></a>
<a href="#"><u>getFeatureCountResponseType</u></a>
<a href="#"><u>getFeaturesQueryRequestType</u></a>
<a href="#"><u>getFeaturesQueryResponseDataType</u></a>
<a href="#"><u>getFeaturesQueryResponseType</u></a>
<a href="#"><u>getLicenseTechnologyQueryRequestType</u></a>
<a href="#"><u>getLicenseTechnologyQueryResponseType</u></a>
<a href="#"><u>getMaintenanceCountRequestType</u></a>
<a href="#"><u>getMaintenanceCountResponseType</u></a>
<a href="#"><u>getMaintenanceQueryRequestType</u></a>
<a href="#"><u>getMaintenanceQueryResponseDataType</u></a>
<a href="#"><u>getMaintenanceQueryResponseType</u></a>
<a href="#"><u>getModelIdentifiersRequestType</u></a>
<a href="#"><u>getModelIdentifiersResponseType</u></a>
<a href="#"><u>getPartNumberCountRequestType</u></a>
<a href="#"><u>getPartNumberCountResponseType</u></a>
<a href="#"><u>getPartNumbersQueryRequestType</u></a>
<a href="#"><u>getPartNumbersQueryResponseType</u></a>
<a href="#"><u>getProductCategoriesRequestType</u></a>
<a href="#"><u>getProductCategoriesResponseDataType</u></a>

## Complex Types

Name
<a href="#">getProductCategoriesResponseType</a>
<a href="#">getProductCountRequestType</a>
<a href="#">getProductCountResponseType</a>
<a href="#">getProductRelationshipsRequestType</a>
<a href="#">getProductRelationshipsResponseType</a>
<a href="#">getProductsQueryRequestType</a>
<a href="#">getProductsQueryResponseDataType</a>
<a href="#">getProductsQueryResponseType</a>
<a href="#">getTransactionKeyIdentifiersRequestType</a>
<a href="#">getTransactionKeyIdentifiersResponseType</a>
<a href="#">getUniformSuiteCountRequestType</a>
<a href="#">getUniformSuiteCountResponseType</a>
<a href="#">getUniformSuitesQueryRequestType</a>
<a href="#">getUniformSuitesQueryResponseDataType</a>
<a href="#">getUniformSuitesQueryResponseType</a>
<a href="#">getUsersForProductCategoryRequestType</a>
<a href="#">getUsersForProductCategoryResponseDataType</a>
<a href="#">getUsersForProductCategoryResponseType</a>
<a href="#">groupMaskDataType</a>
<a href="#">handleProductCategoriesToUserRequestType</a>
<a href="#">handleProductCategoriesToUserResponseType</a>
<a href="#">handleProductCategoryToAcctRequestType</a>
<a href="#">handleProductCategoryToAcctResponseType</a>
<a href="#">hostTypeListType</a>
<a href="#">hostTypePKType</a>
<a href="#">identifierQueryParametersType</a>
<a href="#">licenseGeneratorIdentifierType</a>
<a href="#">licenseGeneratorPKType</a>
<a href="#">licenseGeneratorsDetailsType</a>
<a href="#">licenseModelDetailsType</a>
<a href="#">licenseModelIdentifierType</a>
<a href="#">licenseModelPKType</a>
<a href="#">licenseModelsListType</a>
<a href="#">licenseTechnologyDataListType</a>
<a href="#">licenseTechnologyDetailsType</a>

## Complex Types

Name
<a href="#">licenseTechnologyIdentifierType</a>
<a href="#">licenseTechnologyPKType</a>
<a href="#">licenseTechnologyQueryParametersType</a>
<a href="#">maintenanceIdentifierType</a>
<a href="#">maintenancePKType</a>
<a href="#">maintenanceQueryDataType</a>
<a href="#">maintenanceQueryParametersType</a>
<a href="#">maintenanceStateDataType</a>
<a href="#">modelAttributesType</a>
<a href="#">modelIdentifiersDataListType</a>
<a href="#">NumberQueryType</a>
<a href="#">packagePropertiesDataType</a>
<a href="#">partNumberCountDataType</a>
<a href="#">partNumberDataListType</a>
<a href="#">partNumberDataType</a>
<a href="#">partNumberIdentifierType</a>
<a href="#">partNumberIdentifierWithModelType</a>
<a href="#">partNumberPKType</a>
<a href="#">partNumberQueryParametersType</a>
<a href="#">partNumbersListType</a>
<a href="#">partNumbersSimpleListType</a>
<a href="#">prodCustomAttributeQueryType</a>
<a href="#">prodCustomAttributesQueryListType</a>
<a href="#">productCategoryDataType</a>
<a href="#">productCategoryParametersType</a>
<a href="#">productIdentifierType</a>
<a href="#">productIdentifierWithCountDataType</a>
<a href="#">productPKType</a>
<a href="#">productQueryDataType</a>
<a href="#">productQueryParametersType</a>
<a href="#">productRelationshipDataType</a>
<a href="#">productsListType</a>
<a href="#">productStateDataType</a>
<a href="#">roleIdentifierType</a>
<a href="#">rolePKType</a>

## Complex Types

Name
<a href="#">setFeatureBundleStateRequestType</a>
<a href="#">setFeatureBundleStateResponseType</a>
<a href="#">setFeatureStateRequestType</a>
<a href="#">setFeatureStateResponseType</a>
<a href="#">setMaintenanceStateRequestType</a>
<a href="#">setMaintenanceStateResponseType</a>
<a href="#">setProductStateRequestType</a>
<a href="#">setProductStateResponseType</a>
<a href="#">setUniformSuiteStateRequestType</a>
<a href="#">setUniformSuiteStateResponseType</a>
<a href="#">SimpleQueryType</a>
<a href="#">StateQueryType</a>
<a href="#">suiteCustomAttributeQueryType</a>
<a href="#">suiteCustomAttributesQueryListType</a>
<a href="#">suiteIdentifierType</a>
<a href="#">suitePKType</a>
<a href="#">suiteQueryParametersType</a>
<a href="#">transactionKeyIdentifiersDataListType</a>
<a href="#">trustedKeyIdentifierType</a>
<a href="#">trustedKeyPKType</a>
<a href="#">uniformSuiteQueryDataType</a>
<a href="#">uniformSuiteStateDataType</a>
<a href="#">updateEntitledProductDataListType</a>
<a href="#">updateFeatureBundleDataType</a>
<a href="#">updateFeatureBundleRequestType</a>
<a href="#">updateFeatureBundleResponseType</a>
<a href="#">updateFeatureBundlesListType</a>
<a href="#">updateFeatureDataType</a>
<a href="#">updateFeatureRequestType</a>
<a href="#">updateFeatureResponseType</a>
<a href="#">updateFeaturesListType</a>
<a href="#">updateHostTypeListType</a>
<a href="#">updateLicenseModelsListType</a>
<a href="#">updateMaintenanceDataType</a>
<a href="#">updateMaintenanceRequestType</a>

## Complex Types

Name
<a href="#">updateMaintenanceResponseType</a>
<a href="#">updatePartNumbersListType</a>
<a href="#">updatePartNumbersSimpleListType</a>
<a href="#">updateProductDataType</a>
<a href="#">updateProductRelationshipDataType</a>
<a href="#">updateProductRelationshipRequestType</a>
<a href="#">updateProductRelationshipResponseType</a>
<a href="#">updateProductRequestType</a>
<a href="#">updateProductResponseType</a>
<a href="#">updateProductsListType</a>
<a href="#">updateUniformSuiteDataType</a>
<a href="#">updateUniformSuiteRequestType</a>
<a href="#">updateUniformSuiteResponseType</a>
<a href="#">userIdentifierType</a>
<a href="#">userPKType</a>
<a href="#">valueType</a>
<a href="#">versionDateAttributesType</a>
<a href="#">VersionFormatQueryType</a>

## 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	<a href="#">accountPKType</a>	0..1	Name. See <a href="#">accountPKType</a> .

## 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: 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	<a href="#">attributeDescriptorType</a>	0..*	Contains a required string <b>attributeName</b> and one of the <a href="#">attributeDescriptorType</a> 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	<a href="#">attributeMetaDescriptorType</a>	0..*	Contains one or more <b>attribute</b> 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: <ul style="list-style-type: none"><li>• TEXT</li><li>• BOOLEAN</li><li>• NUMBER</li><li>• DATE</li><li>• MULTI_VALUED_TEXT</li><li>• LONGTEXT</li></ul>
namespace	string	1..1	Refers to the license technology on which the attribute is created.
validValues	<a href="#">valueType</a>	0..1	<b>validValues</b> contains an array of <b>value</b> 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: <ul style="list-style-type: none"><li>• TEXT</li><li>• BOOLEAN</li><li>• NUMBER</li><li>• DATE</li><li>• MULTI_VALUED_TEXT</li><li>• LONGTEXT</li></ul>
maxLength	string	0..1	Maximum length of the data type.
validValues	<a href="#">valueType</a>	0..1	<b>validValues</b> contains an array of <b>value</b> 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	<a href="#">categoryAttributeDataTy e</a>	1..*	See <a href="#">categoryAttributeDataType</a> .

## 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: createdFeatureBundleDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
createdFeatureBundle	<a href="#">correlationDataType</a>	0..*	<b>responseData</b> (see <a href="#">createFeatureBundleResponseType</a> ) contains one or more <b>createdFeatureBundle</b> elements. See <a href="#">correlationDataType</a> .

## 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	<a href="#">createdFeatureDataType</a>	0..*	<b>responseData</b> (see <a href="#">createFeatureResponseType</a> ) contains one or more <b>createdFeature</b> elements. See <a href="#">createdFeatureDataType</a> .

## 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: createdMaintenanceDataType

### 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	<a href="#">createdMaintenanceDataType</a>	0..*	<b>responseData</b> contains one or more <b>createdMaintenance</b> elements. See <a href="#">createdMaintenanceDataType</a> .

## 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	<a href="#">createdPartNumberDataType</a>	0..*	<b>responseData</b> contains one or more <b>createdPartNumber</b> elements. See <a href="#">createdPartNumberDataType</a> .


## 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	
createdProductCategory	<a href="#">createdProductCategory DataType</a>	0..*	<b>responseData</b> contains one or more <b>createdProductCategory</b> elements. See <a href="#">createdProductCategoryDataType</a> .



## 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	<a href="#">createdProductDataType</a>	0..*	<b>responseData</b> contains one or more <b>createdProduct</b> elements. See <a href="#">createdProductDataType</a> .


## 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	<a href="#">createdUniformSuiteDataType</a>	0..*	<b>responseData</b> contains one or more <b>createdUniformSuite</b> elements. See <a href="#">createdUniformSuiteDataType</a> .

## 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	<a href="#">featuresListType</a>	1..1	Required. See <a href="#">featuresListType</a> .

## 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	<a href="#">createFeatureBundleData Type</a>	1..*	Required. A <b>createFeatureBundleRequest</b> contains an array of <b>featureBundle</b> elements to be added. See <a href="#">createFeatureBundleDataType</a> .

### Referenced By

Name	Type
<a href="#">createFeatureBundleRequest</a>	Element
<a href="#">createFeatureBundle</a>	Method


## Complex Type: createFeatureBundleResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedFeatureBundleDataListType</a>	0..1	Information about the feature bundles that were not added is listed in the <b>failedData</b> element. See <a href="#">failedFeatureBundleDataListType</a> .									
responseData	<a href="#">createdFeatureBundleDataListType</a>	0..1	Information about the feature bundles that were added is listed in the <b>responseData</b> element. See <a href="#">createdFeatureBundleDataListType</a> .									



Referenced By

Name	Type
<a href="#">createFeatureBundleResponse</a>	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	<a href="#">featureDataType</a>	1..*	Required. A <b>createFeatureRequest</b> contains an array of <b>feature</b> elements to be added. See <a href="#">featureDataType</a> .

### Referenced By

Name	Type
<a href="#">createFeatureRequest</a>	Element
<a href="#">createFeature</a>	Method


## Complex Type: createFeatureResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedFeatureDataListType</a>	0..1	Information about the features that were not added is listed in the <b>failedData</b> element. See <a href="#">failedFeatureDataListType</a> .									
responseData	<a href="#">createdFeatureDataListType</a>	0..1	Information about the features that were added is listed in the <b>responseData</b> element. See <a href="#">createdFeatureDataListType</a> .									

## Referenced By

Name	Type
<a href="#">createFeatureResponse</a>	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	<a href="#">partNumbersSimpleListType</a>	0..1	Optional. Specify if one or more part numbers are mapped to the product. See <a href="#">partNumbersSimpleListType</a> .

## 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	<a href="#">createMaintenanceDataType</a>	1..*	Required. A <b>createMaintenanceRequest</b> contains an array of <b>maintenance</b> elements to be added. See <a href="#">createMaintenanceDataType</a> .

### Referenced By

Name	Type
<a href="#">createMaintenanceRequest</a>	Element
<a href="#">createMaintenance</a>	Method


## Complex Type: createMaintenanceResponseType

### 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>Status Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Status Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Status Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedMaintenanceDataListType</a>	0..1	Information about the maintenance products that were not added is listed in the <b>failedData</b> element. See <a href="#">failedMaintenanceDataListType</a> .									
responseData	<a href="#">createdMaintenanceDataListType</a>	0..1	Information about the maintenance products that were added is listed in the <b>responseData</b> element. See <a href="#">createdMaintenanceDataListType</a> .									

## Referenced By

Name	Type
<a href="#">createMaintenanceResponse</a>	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	<a href="#">createPartNumberDataType</a>	1..*	Required. A <b>createPartNumberRequest</b> contains an array of <b>partNumber</b> elements to be added. See <a href="#">createPartNumberDataType</a> .
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
<a href="#">createPartNumberRequest</a>	Element
<a href="#">createPartNumber</a>	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

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

## Content Model

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

## Referenced By

Name	Type
<a href="#">createPartNumberResponse</a>	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	<a href="#">createProductCategoryDataType</a>	1..*	Required. A <b>createProductCategoryRequest</b> contains an array of <b>productCategory</b> elements to be added. See <a href="#">createProductCategoryDataType</a> .

### Referenced By

Name	Type
<a href="#">createProductCategoryRequest</a>	Element
<a href="#">createProductCategory</a>	Method


## Complex Type: createProductCategoryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedProductCategoryDataListType</a>	0..1	Information about the categories that were not added is listed in the <b>failedData</b> element. See <a href="#">failedProductCategoryDataListType</a>									
responseData	<a href="#">createdProductCategoryDataListType</a>	0..1	Information about the categories that were added is listed in the <b>responseData</b> element. See <a href="#">createdProductCategoryDataListType</a> .									



## Referenced By

Name	Type
<a href="#">createProductCategoryResponse</a>	Element

## Complex Type: createProductDataTypes

### 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	<a href="#">licenseTechnologyIdentifierType</a>	0..1	Optional. If not specified, set to FlexNet Licensing. See <a href="#">licenseTechnologyIdentifierType</a> .
licenseGenerator	<a href="#">licenseGeneratorIdentifierType</a>	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 <a href="#">licenseGeneratorIdentifierType</a> .
packageProperties	<a href="#">packagePropertiesDataType</a>	0..1	Optional, to be used if licenses are to be delivered using a PACKAGE line. See <a href="#">packagePropertiesDataType</a> .
features	<a href="#">featuresListType</a>	0..1	Required for deployment. Draft or deployed features or feature bundles must be added before deploying the product. See <a href="#">featuresListType</a> .
featureBundles	<a href="#">featureBundlesListType</a>	0..1	Required for deployment. Draft or deployed features or feature bundles must be added before deploying the product. See <a href="#">featureBundlesListType</a> .
licenseModels	<a href="#">licenseModelsListType</a>	0..1	Required for deployment. Deployed license models must be linked before deploying the product. See <a href="#">licenseModelsListType</a> .
trustedKey	<a href="#">trustedKeyIdentifierType</a>	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 <a href="#">trustedKeyIdentifierType</a> .
virtualTrustedKey	<a href="#">trustedKeyIdentifierType</a>	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 <a href="#">trustedKeyIdentifierType</a> .
partNumbers	<a href="#">partNumbersListType</a>	0..1	Optional. Specify if one or more part numbers are mapped to the product. See <a href="#">partNumbersListType</a> .

## Content Model

Component	Type	Occurs	Description
hostType	<a href="#">hostTypePKType</a>	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 <a href="#">hostTypePKType</a> .
hostTypes	<a href="#">hostTypeListType</a>	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	<a href="#">attributeDescriptorDataType</a>	0..1	A collection of license model or custom attributes. See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .
startDate	date	0..1	Only used for automatic upgrade jobs, the <b>startDate</b> 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 <b>startDate</b> and <b>endDate</b> has no impact on manually generated upgrades nor on bulk operations.  <b>startDate</b> 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	<p>Only used for automatic upgrade jobs, the <b>endDate</b> 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 <b>startDate</b> and <b>endDate</b> has no impact on manually generated upgrades nor on bulk operations.</p> <p><b>endDate</b> is only available for products; it is not available for maintenance products nor for product suites.</p> <p>Note: This attribute is available in ProductPackagingService v1 and later.</p>
upgradeEmailTemplateVarName	string	0..1	<p>Only used for automatic upgrade jobs, the <b>upgradeEmailTemplateVarName</b> 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.)</p> <ul style="list-style-type: none"><li>• The <b>upgradeEmailTemplateVarName</b> value can be empty, <b>DEFAULT</b>, <b>None</b>, or the name of an active variation of the Product Upgrade Job Email template.</li><li>• Empty (no value specified) and <b>DEFAULT</b> cause FlexNet Operations to use the default variation of the Product Upgrade Job Email template for automatic upgrades to this product.</li><li>• <b>None</b> prevents FlexNet Operations from sending email messages for automatic upgrades to this product.</li><li>• 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.)</li></ul> <p>Note: This attribute is available in ProductPackagingService v1 and later.</p>

## 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	<a href="#">productRelationshipDataType</a>	1..*	Required. A createProductRelationshipRequest contains an array of relationship elements to be added. See <a href="#">productRelationshipDataType</a> .

### Referenced By

Name	Type
<a href="#">createProductRelationshipRequest</a>	Element
<a href="#">createProductRelationship</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusInfo	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusInfo	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedProductRelationshipDataListType</a>	0..1	Information about the relationships that were not added is listed in the <b>failedData</b> element. See <a href="#">failedProductRelationshipDataListType</a> .									

### Referenced By

Name	Type
<a href="#">createProductRelationshipResponse</a>	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	<a href="#">createProductDataType</a>	1..*	Required. A createProductRequest contains an array of product elements to be added. See <a href="#">createProductDataType</a> .

### Referenced By

Name	Type
<a href="#">createProductRequest</a>	Element
<a href="#">createProduct</a>	Method


## Complex Type: createProductResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedProductDataListType</a>	0..1	Information about the products that were not added is listed in the <b>failedData</b> element. See <a href="#">failedProductDataListType</a> .									
responseData	<a href="#">createdProductDataListType</a>	0..1	Information about the products that were added is listed in the <b>responseData</b> element. See <a href="#">createdProductDataListType</a> .									



## Referenced By

Name	Type
<a href="#">createProductResponse</a>	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	<a href="#">licenseTechnologyIdentifierType</a>	0..1	Optional. If not specified, set to FlexNet Licensing. See <a href="#">licenseTechnologyIdentifierType</a> .
licenseGenerator	<a href="#">licenseGeneratorIdentifierType</a>	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 <a href="#">licenseGeneratorIdentifierType</a> .
packageProperties	<a href="#">packagePropertiesDataType</a>	0..1	Optional, if licenses are to be delivered using a PACKAGE line. See <a href="#">packagePropertiesDataType</a> .
products	<a href="#">productsListType</a>	0..1	Required for deployment. Draft or deployed products must be added before deploying the suite. See <a href="#">productsListType</a> .
licenseModels	<a href="#">licenseModelsListType</a>	0..1	Required for deployment. Deployed license models must be linked before deploying the suite. See <a href="#">licenseModelsListType</a> .
trustedKey	<a href="#">trustedKeyIdentifierType</a>	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 <a href="#">trustedKeyIdentifierType</a> .
virtualTrustedKey	<a href="#">trustedKeyIdentifierType</a>	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 <a href="#">trustedKeyIdentifierType</a> .
partNumbers	<a href="#">partNumbersListType</a>	0..1	Optional. Specify if one or more part numbers are mapped to the suite. See <a href="#">partNumbersListType</a> .
hostType	<a href="#">hostTypePKType</a>	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 <a href="#">hostTypePKType</a> .

## Content Model

Component	Type	Occurs	Description
hostTypes	<a href="#">hostTypeListType</a>	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	<a href="#">attributeDescriptorDataType</a>	0..1	A collection of license model or custom attributes. See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .

## 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	<a href="#">createUniformSuiteDataType</a>	1..*	Required. A <b>createUniformSuiteRequest</b> contains an array of <b>uniformSuite</b> elements to be added. See <a href="#">createUniformSuiteDataType</a> .

### Referenced By

Name	Type
<a href="#">createUniformSuiteRequest</a>	Element
<a href="#">createUniformSuite</a>	Method


## Complex Type: createUniformSuiteResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUniformSuiteDataListType</a>	0..1	Information about the suites that were not added is listed in the <b>failedData</b> element. See <a href="#">failedUniformSuiteDataListType</a> .									
responseData	<a href="#">createdUniformSuiteDataListType</a>	0..1	Information about the suites that were added is listed in the <b>responseData</b> element. See <a href="#">createdUniformSuiteDataListType</a> .									

## Referenced By

Name	Type
<a href="#">createUniformSuiteResponse</a>	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	<a href="#">customAttributeDescriptorType</a>	0..*	See <a href="#">customAttributeDescriptorType</a> .

## 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	<a href="#">DateQueryType</a>	0..1	Optional. A dateValue element contains: <ul style="list-style-type: none"><li>• value—a date value to compare to the version date value.</li><li>• searchType--which is one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON.</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
numberValue	<a href="#">NumberQueryType</a>	0..1	<p>Optional. Depending on the attribute type, set either stringValue or numberValue or booleanValue. A numberValue element contains:</p> <ul style="list-style-type: none"> <li>value—an integer number to match part or all of the custom attribute value.</li> <li>searchType—which is one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>GREATER_THAN</li> <li>GREATER_THAN_EQUALS</li> <li>LESS_THAN</li> <li>LESS_THAN_EQUALS</li> <li>EQUALS</li> <li>NOT_EQUALS</li> </ul> </li> </ul>
stringValue	<a href="#">SimpleQueryType</a>	0..1	<p>Optional. Depending on the attribute type, set either stringValue or numberValue or booleanValue. A stringValue element contains:</p> <ul style="list-style-type: none"> <li>value—a string to match part or all of the custom attribute value.</li> <li>searchType—which is one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>STARTS_WITH</li> <li>CONTAINS</li> <li>ENDS_WITH</li> <li>EQUALS</li> </ul> </li> </ul>

## 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	<a href="#">customAttributeQueryType</a>	0..*	See <a href="#">customAttributeQueryType</a> .


## 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: <ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul>

## 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: <ul style="list-style-type: none"><li>BEFORE</li><li>AFTER</li><li>ON</li></ul>

## 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	<a href="#">featureBundleIdentifierType</a>	1..1	Required. See <a href="#">featureBundleIdentifierType</a> .

## 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	<a href="#">deleteFeatureBundleData Type</a>	1..*	Required. A <b>deleteFeatureBundleRequest</b> contains an array of <b>featureBundle</b> elements to be deleted. See <a href="#">deleteFeatureBundleData Type</a> .

### Referenced By

Name	Type
<a href="#">deleteFeatureBundleRequest</a>	Element
<a href="#">deleteFeatureBundle</a>	Method


## Complex Type: deleteFeatureBundleResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>response</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	response	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
response	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteFeatureBundleDataListType</a>	0..1	Information about the feature bundles that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteFeatureBundleDataListType</a> .									



## Referenced By

Name	Type
<a href="#">deleteFeatureBundleResponse</a>	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	<a href="#">featureIdentifierType</a>	1..1	Required. See <a href="#">featureIdentifierType</a> .

## 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	<a href="#">deleteFeatureDataType</a>	1..*	Required. A <b>deleteFeatureRequest</b> contains an array of feature elements to be deleted. See <a href="#">deleteFeatureDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteFeatureRequest</a>	Element
<a href="#">deleteFeature</a>	Method


## Complex Type: deleteFeatureResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteFeatureDataListType</a>	0..1	Information about the features that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteFeatureDataListType</a> .									

### Referenced By

Name	Type
<a href="#">deleteFeatureResponse</a>	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	<a href="#">maintenanceIdentifierType</a>	1..1	Required. See <a href="#">maintenanceIdentifierType</a> .

## 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	<a href="#">deleteMaintenanceDataType</a>	1..*	Required. A <b>deleteMaintenanceRequest</b> contains an array of maintenance elements to be deleted. See <a href="#">deleteMaintenanceDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteMaintenanceRequest</a>	Element
<a href="#">deleteMaintenance</a>	Method


## Complex Type: deleteMaintenanceResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteMaintenanceDataListType</a>	0..1	Information about the maintenance products that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteMaintenanceDataListType</a> .									

Referenced By

Name	Type
<a href="#">deleteMaintenanceResponse</a>	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	<a href="#">partNumberIdentifierType</a>	1..1	Required. See <a href="#">partNumberIdentifierType</a> .

## 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	<a href="#">deletePartNumberDataType</a>	1..*	Required. A <b>deletePartNumberRequest</b> contains an array of <b>partNumber</b> elements to be deleted. See <a href="#">deletePartNumberDataType</a> .

### Referenced By

Name	Type
<a href="#">deletePartNumberRequest</a>	Element
<a href="#">deletePartNumber</a>	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

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

## Content Model

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

## Referenced By

Name	Type
<a href="#">deletePartNumberResponse</a>	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	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .

## 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	<a href="#">productRelationshipDataType</a>	1..*	Required. A <b>deleteProductRelationshipRequest</b> contains an array of <b>relationship</b> elements to be deleted. See <a href="#">productRelationshipDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteProductRelationshipRequest</a>	Element
<a href="#">deleteProductRelationship</a>	Method


## Complex Type: deleteProductRelationshipResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedProductRelationshipDataListType</a>	0..1	Information about the relationships that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedProductRelationshipDataListType</a>									

### Referenced By

Name	Type
<a href="#">deleteProductRelationshipResponse</a>	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	<a href="#">deleteProductDataType</a>	1..*	Required. A <b>deleteProductRequest</b> contains an array of product elements to be deleted. See <a href="#">deleteProductDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteProductRequest</a>	Element
<a href="#">deleteProduct</a>	Method


## Complex Type: deleteProductResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were rocessed.</li><li>PARTIAL_FAILURE—Some, but not all products n the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request ere processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were rocessed.</li><li>PARTIAL_FAILURE—Some, but not all products n the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request ere processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were rocessed.</li><li>PARTIAL_FAILURE—Some, but not all products n the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request ere processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteProductDataListType</a>	0..1	Information about the products that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteProductDataListType</a> .									

### Referenced By

Name	Type
<a href="#">deleteProductResponse</a>	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	
suitIdentifier	<a href="#">suitIdentifierType</a>	1..1	Required. See <a href="#">suitIdentifierType</a> .

## 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	<a href="#">deleteUniformSuiteDataType</a>	1..*	Required. A <b>deleteUniformSuiteRequest</b> contains an array of <b>uniformSuite</b> elements to be deleted. See <a href="#">deleteUniformSuiteDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteUniformSuiteRequest</a>	Element
<a href="#">deleteUniformSuite</a>	Method


## Complex Type: deleteUniformSuiteResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteUniformSuiteDataListType</a>	0..1	Information about the suites that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteUniformSuiteDataListType</a> .									

### Referenced By

Name	Type
<a href="#">deleteUniformSuiteResponse</a>	Element

## 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 <b>dupGroup</b> element is specified. Specify one of the following: <ul style="list-style-type: none"><li>NO_OVERRIDE</li><li>GROUPMASK</li><li>NONE</li></ul>
groupMask	<a href="#">groupMaskDataType</a>	0..1	Specify if <b>dupGroupOption</b> is set to GROUPMASK. A <b>groupMask</b> element contains an array of <a href="#">groupMaskDataType</a> 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: <ul style="list-style-type: none"><li>• DAYS</li><li>• WEEKS</li><li>• MONTHS</li><li>• YEARS</li></ul>

## 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	<a href="#">entitledProductDataType</a>	0..*	See <a href="#">entitledProductDataType</a> .

## 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	<a href="#">productIdentifierType</a>	0..1	See <a href="#">productIdentifierType</a> .
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	<a href="#">entitlementPKType</a>	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	<a href="#">entitlementLineItemPKType</a>	0..1	Database primary key of the entitlement line item—string containing the <b>activationId</b> 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 <b>activationId</b> 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 <b>entitlementId</b> 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	<a href="#">failedDeleteFeatureBundleDataType</a>	0..*	<b>failedData</b> (see <a href="#">deleteFeatureBundleResponseType</a> ) contains one or more <b>failedFeatureBundle</b> elements. See <a href="#">failedDeleteFeatureBundleDataType</a> .

## 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	<a href="#">featureBundleIdentifierType</a>	1..1	See <a href="#">featureBundleIdentifierType</a> .
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	<a href="#">failedDeleteFeatureDataType</a>	0..*	<b>failedData</b> contains one or more failedFeature elements. See <a href="#">failedDeleteFeatureDataType</a> .

## 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	<a href="#">featureIdentifierType</a>	1..1	See <a href="#">featureIdentifierType</a> .
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	<a href="#">failedDeleteMaintenanceData Type</a>	0..*	<b>failedData</b> contains one or more <b>failedMaintenance</b> elements. See <a href="#">failedDeleteMaintenanceData Type</a> .

## 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	<a href="#">maintenanceIdentifierType</a>	1..1	See <a href="#">maintenanceIdentifierType</a> .
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	<a href="#">failedDeletePartNumberData Type</a>	0..*	<b>failedData</b> contains one or more <b>failedPartNumber</b> elements. See <a href="#">failedDeletePartNumberData Type</a> .


## 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	<a href="#">partNumberIdentifierType</a>	1..1	See <a href="#">partNumberIdentifierType</a> .
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	<a href="#">failedDeleteProductData Type</a>	0..*	<b>failedData</b> contains one or more <b>failedProduct</b> elements. See <a href="#">failedDeleteProductDataType</a> .

## 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	<a href="#">productIdentifierType</a>	1..1	See <a href="#">productIdentifierType</a> .
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	<a href="#">failedDeleteUniformSuiteData Type</a>	0..*	<b>failedData</b> contains one or more <b>failedUniformSuite</b> elements. See <a href="#">failedDeleteUniformSuiteData Type</a> .

## Complex Type: failedDeleteUniformSuiteDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
suitIdentifier	<a href="#">suitIdentifierType</a>	1..1	See <a href="#">suitIdentifierType</a> .
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	<a href="#">failedFeatureBundleDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedFeatureBundle</b> elements. See <a href="#">failedFeatureBundleDataType</a> .

## 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	<a href="#">createFeatureBundleData aType</a>	1..1	See <a href="#">createFeatureBundleDataType</a> .
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	<a href="#">failedFeatureBundleStateData Type</a>	0..*	A <b>failedData</b> element contains an array of <b>failedFeatureBundle</b> elements whose state was not set. See <a href="#">failedFeatureBundleStateData Type</a> .

## 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	<a href="#">featureBundleStateDataType</a>	1..1	See <a href="#">featureBundleStateDataType</a> .
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	<a href="#">failedFeatureDataType</a>	0..*	<b>failedData</b> contains one or more failedFeature elements. See <a href="#">failedFeatureDataType</a> .

## 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	<a href="#">featureDataType</a>	0..1	See <a href="#">featureDataType</a> .
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	<a href="#">failedFeatureStateDataT ype</a>	0..*	A <b>failedData</b> element contains an array of <b>failedFeature</b> elements whose state was not set. See <a href="#">failedFeatureStateDataType</a> .

## 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	<a href="#">featureStateDataType</a>	1..1	See <a href="#">featureStateDataType</a> .
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	<a href="#">failedMaintenanceDataTy pe</a>	0..*	<b>failedData</b> contains one or more <b>failedMaintenance</b> elements. See <a href="#">failedMaintenanceDataType</a> .

## 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	<a href="#">createMaintenanceDataT ype</a>	0..1	See <a href="#">createMaintenanceDataType</a> .
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	<a href="#">failedMaintenanceStateData Type</a>	0..*	A <b>failedData</b> element contains an array of <b>failedMaintenance</b> elements whose state was not set. See <a href="#">failedMaintenanceStateData Type</a> .

## 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	<a href="#">maintenanceStateDataTy pe</a>	1..1	See <a href="#">maintenanceStateDataType</a> .
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	<a href="#">failedPartNumberDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedPartNumber</b> elements. See <a href="#">failedPartNumberDataType</a> .

## 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	<a href="#">createPartNumberDataType</a>	0..1	See <a href="#">createPartNumberDataType</a> .
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	<a href="#">failedProductCategoryData Type</a>	0..*	<b>failedData</b> contains one or more <b>failedProductCategory</b> elements. See <a href="#">failedProductCategoryData Type</a> .

## 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	<a href="#">createProductCategoryDataType</a>	0..1	See <a href="#">createProductCategoryDataType</a> .
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	<a href="#">failedProductDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedProduct</b> elements. See <a href="#">failedProductDataType</a> .

## 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	<a href="#">createProductDataType</a>	0..1	See <a href="#">createProductDataType</a> .
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	<a href="#">failedProductRelationship Data Type</a>	0..*	<b>failedData</b> contains one or more <b>failedRelationship</b> elements. See <a href="#">failedProductRelationshipData Type</a> .

## 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	<a href="#">productRelationshipDataType</a>	0..1	See <a href="#">productRelationshipDataType</a> .
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	<a href="#">failedProductStateDataT ype</a>	0..*	A <b>failedData</b> element contains an array of <b>failedProduct</b> elements whose state was not set. See <a href="#">failedProductStateDataType</a> .

## 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	<a href="#">productStateDataType</a>	1..1	See <a href="#">productStateDataType</a> .
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	<a href="#">failedUniformSuiteDataT ype</a>	0..*	<b>failedData</b> contains one or more <b>failedUniformSuite</b> elements. See <a href="#">failedUniformSuiteDataType</a> .

## 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	<a href="#">createUniformSuiteDataType</a>	0..1	See <a href="#">createUniformSuiteDataType</a> .
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	<a href="#">failedUniformSuiteStateData Type</a>	0..*	<b>failedData</b> contains an array of <b>failedUniformSuite</b> elements whose state was not set. See <a href="#">failedUniformSuiteStateData Type</a> .

## 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	<a href="#">uniformSuiteStateDataTy pe</a>	1..1	See <a href="#">uniformSuiteStateDataType</a> .
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	<a href="#">failedUpdateFeatureBundleDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedFeatureBundle</b> elements. See <a href="#">failedUpdateFeatureBundleDataType</a> .

## 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	<a href="#">updateFeatureBundleData aType</a>	1..1	See <a href="#">updateFeatureBundleData aType</a> .
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	<a href="#">failedUpdateFeatureDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedFeature</b> elements. See <a href="#">failedUpdateFeatureDataType</a> .

## 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	<a href="#">featureIdentifierType</a>	1..1	See <a href="#">featureIdentifierType</a> .
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	<a href="#">failedUpdateMaintenanceData Type</a>	0..*	<b>failedData</b> contains one or more <b>failedMaintenance</b> elements. See <a href="#">failedUpdateMaintenanceData Type</a> .

## 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	<a href="#">updateMaintenanceDataType</a>	1..1	See <a href="#">updateMaintenanceDataType</a> .
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	<a href="#">failedUpdateProductData Type</a>	0..*	<b>failedData</b> contains one or more <b>failedProduct</b> elements. See <a href="#">failedUpdateProductDataType</a> .

## 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	<a href="#">updateProductDataType</a>	1..1	See <a href="#">updateProductDataType</a> .
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	<a href="#">failedUpdateProductRelationshipDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedRelationship</b> elements. See <a href="#">failedUpdateProductRelationshipDataType</a> .

## 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	<a href="#">updateProductRelationshipDataType</a>	1..1	See <a href="#">updateProductRelationshipDataType</a> .
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	<a href="#">failedUpdateUniformSuiteDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedUniformSuite</b> elements. See <a href="#">failedUpdateUniformSuiteDataType</a> .

## 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	<a href="#">updateUniformSuiteDataType</a>	1..1	See <a href="#">updateUniformSuiteDataType</a> .
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	<a href="#">featureBundlePKType</a>	0..1	Database primary key of the feature bundle—a string containing the <b>name</b> 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	<a href="#">featureBundleIdentifierType</a>	1..1	Required. See <a href="#">featureBundleIdentifierType</a> .
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	<a href="#">featuresListType</a>	0..1	The features in the feature bundle are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">featuresListType</a> .

## 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	<a href="#">SimpleQueryType</a>	0..1	Optional. A name <b>element</b> contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the feature bundle name.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
description	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>description</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the description.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
state	<a href="#">StateQueryType</a>	0..1	Optional. A <b>state</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a StateType value of DRAFT or DEPLOYED to match part or all of the state value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
creationDate	<a href="#">DateQueryType</a>	0..1	Optional. A <b>creationDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the creation date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
lastModifiedDate	<a href="#">DateQueryType</a>	0..1	Optional. A <b>lastModifiedDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the last modified date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>

## 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	<a href="#">featureBundleIdentifierWithCountDataType</a>	1..*	<b>featureBundles</b> contains an array of one or more <b>featureBundle</b> elements. See <a href="#">featureBundleIdentifierWithCountDataType</a> .

## 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	<a href="#">featureBundleIdentifierType</a>	1..1	Required. See <a href="#">featureBundleIdentifierType</a> .
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.
featureOverrideParams	<a href="#">featureOverrideParamsType</a>	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	<a href="#">featurePKType</a>	0..1	Database primary keys of the feature—strings containing <b>name</b> and, if the feature version format is FIXED, the <b>version</b> of the feature. If the feature <b>version</b> 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	<a href="#">featureIdentifierType</a>	1..1	Required. See <a href="#">featureIdentifierType</a> .
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	<a href="#">dupGroupDataType</a>	0..1	Optional. Override a DUP_GROUP setting in a license model with this value. See <a href="#">dupGroupDataType</a> . Even if no feature overrides are explicitly set, the <b>dupGroupOption</b> , 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 <b>FIXED</b> , 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	<a href="#">featureOverrideParamsType</a>	0..1	This element is returned only if your FlexNet Operations license contains a FLEXnet_Ops.FeatureOverride feature. See <a href="#">featureOverrideParamsType</a> .

## 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	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>featureName</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the featureName element.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
version	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>version</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the version value.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
versionFormat	<a href="#">VersionFormatQueryType</a>	0..1	Optional. A <b>versionFormat</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—VersionFormatType of FIXED or DATE_BASED.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
description	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>description</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the description.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
state	<a href="#">StateQueryType</a>	0..1	Optional. A <b>state</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a StateType value of DRAFT or DEPLOYED to match part or all of the state value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>



## Content Model

Component	Type	Occurs	Description
creationDate	<a href="#">DateQueryType</a>	0..1	Optional. A <b>creationDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the creation date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
lastModifiedDate	<a href="#">DateQueryType</a>	0..1	Optional. A <b>lastModifiedDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the last modified date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>

## 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	<a href="#">featureIdentifierWithCountDataType</a>	1..*	Required. <b>features</b> contains an array of one or more <b>feature</b> elements. See <a href="#">featureIdentifierWithCountDataType</a> .

## 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	<a href="#">featureIdentifierType</a>	1..1	Required. See <a href="#">featureIdentifierType</a> .
stateToSet	StateType	1..1	Required. DRAFT or DEPLOYED.

## 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	<a href="#">fulfillmentPKType</a>	0..1	Database primary key of the fulfillment—a string containing the <b>fulfillmentID</b> .

## 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 <b>count</b> 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	<a href="#">featureBundleQueryParametersType</a>	0..1	Required. See <a href="#">featureBundleQueryParametersType</a> . Leave this element blank to return all feature bundles.

### Referenced By

Name	Type
<a href="#">getFeatureBundleCountRequest</a>	Element
<a href="#">getFeatureBundleCount</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getCountResponseDataType</a>	0..1	Contains an integer count element.									

### Referenced By

Name	Type
<a href="#">getFeatureBundleCountResponse</a>	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	<a href="#">featureBundleQueryParametersType</a>	0..1	Required. See <a href="#">featureBundleQueryParametersType</a> . 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 <b>pageNumber</b> 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 <b>featuresListType</b> of features that are contained in the feature bundle. See <a href="#">featuresListType</a> .

### Referenced By

Name	Type
<a href="#">getFeatureBundlesQueryRequest</a>	Element
<a href="#">getFeatureBundlesQuery</a>	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	<a href="#">featureBundleQueryDataType</a>	0..*	A <b>responseData</b> element contains an array of <b>featureBundle</b> elements. See <a href="#">featureBundleQueryDataType</a> .


## Complex Type: getFeatureBundlesQueryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getFeatureBundlesQueryResponseDataType</a>	0..1	See <a href="#">getFeatureBundlesQueryResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getFeatureBundlesQueryResponse</a>	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	<a href="#">featureQueryParametersType</a>	0..1	Required. See <a href="#">featureQueryParametersType</a> . Leave this element blank to return all features.

### Referenced By

Name	Type
<a href="#">getFeatureCountRequest</a>	Element
<a href="#">getFeatureCount</a>	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>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getCountResponseDataType</a>	0..1	Contains an integer count element.									

### Referenced By

Name	Type
<a href="#">getFeatureCountResponse</a>	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	<a href="#">featureQueryParametersType</a>	0..1	Required. See <a href="#">featureQueryParametersType</a> . 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 <b>pageNumber</b> to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getFeaturesQueryRequest</a>	Element
<a href="#">getFeaturesQuery</a>	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	<a href="#">featureQueryDataType</a>	0..*	A <b>responseData</b> element contains an array of feature elements to be added. See <a href="#">featureQueryDataType</a> .


## 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getFeaturesQueryResponseDataType</a>	0..1	See <a href="#">getFeaturesQueryResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getFeaturesQueryResponse</a>	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	<a href="#">licenseTechnologyQueryParametersType</a>	0..1	Required. See <a href="#">licenseTechnologyQueryParametersType</a> . Leave this element blank to return all license technologies.

### Referenced By

Name	Type
<a href="#">getLicenseTechnologyQueryRequest</a>	Element
<a href="#">getLicenseTechnologiesQuery</a>	Method

## Complex Type: getLicenseTechnologyQueryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All accounts in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all accounts in the request were processed.</li><li>FAILURE—None of the accounts in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All accounts in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all accounts in the request were processed.</li><li>FAILURE—None of the accounts in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All accounts in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all accounts in the request were processed.</li><li>FAILURE—None of the accounts in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">licenseTechnologyDataListType</a>	0..1	Information about the license technologies that matched the query is listed in the <b>responseData</b> element. See <a href="#">licenseTechnologyDataListType</a> .									

### Referenced By

Name	Type
<a href="#">getLicenseTechnologyQueryResponse</a>	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	<a href="#">maintenanceQueryParametersType</a>	0..1	Required. See <a href="#">maintenanceQueryParametersType</a> . Leave this element blank to return all maintenance products.

### Referenced By

Name	Type
<a href="#">getMaintenanceCountRequest</a>	Element
<a href="#">getMaintenanceCount</a>	Method


## Complex Type: getMaintenanceCountResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getCountResponseDataType</a>	0..1	Contains an integer <b>count</b> element.									

Referenced By

Name	Type
<a href="#">getMaintenanceCountResponse</a>	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	<a href="#">maintenanceQueryParametersType</a>	0..1	Required. See <a href="#">maintenanceQueryParametersType</a> . 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 <b>pageNumber</b> 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 maintenance product.

### Referenced By

Name	Type
<a href="#">getMaintenanceQueryRequest</a>	Element
<a href="#">getMaintenanceQuery</a>	Method

## Complex Type: getMaintenanceQueryResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenance	<a href="#">maintenanceQueryDataT ype</a>	0..*	A <b>responseData</b> element contains an array of maintenance elements. See <a href="#">maintenanceQueryDataType</a> .


## Complex Type: getMaintenanceQueryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getMaintenanceQueryResponseType</a>	0..1	See <a href="#">getMaintenanceQueryResponseType</a> .									



Referenced By

Name	Type
<a href="#">getMaintenanceQueryResponse</a>	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	<a href="#">identifierQueryParametersType</a>	0..1	Required. See <a href="#">identifierQueryParametersType</a> .

### Referenced By

Name	Type
<a href="#">getModelIdentifiersRequest</a>	Element
<a href="#">getLicenseModelIdentifiers</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">modelIdentifiersDataListType</a>	0..1	See <a href="#">modelIdentifiersDataListType</a> .									

### Referenced By

Name	Type
<a href="#">getModelIdentifiersResponse</a>	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	<a href="#">partNumberQueryParametersType</a>	0..1	Required. See <a href="#">partNumberQueryParametersType</a> .

### Referenced By

Name	Type
<a href="#">getPartNumberCountRequest</a>	Element
<a href="#">getPartNumberCount</a>	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

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

## Content Model

Component	Type	Occurs	Description									
			<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>	Element	Data Type	Description			means that the import request of part numbers was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		means that the import request of part numbers was not scheduled.										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">partNumberCountDataType</a>	0..1	Contains an integer <b>count</b> element. See <a href="#">partNumberCountDataType</a> .									

## Referenced By

Name	Type
<a href="#">getPartNumberCountResponse</a>	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	<a href="#">partNumberQueryParametersType</a>	0..1	Required. See <a href="#">partNumberQueryParametersType</a> .
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 <b>pageNumber</b> to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getPartNumbersQueryRequest</a>	Element
<a href="#">getPartNumbersQuery</a>	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

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

## Content Model

Component	Type	Occurs	Description		
			Element	Data Type	Description
					means that the import request of part numbers was not scheduled.
			reason	string	Gives reason for partial failure or failure.
responseData	<a href="#">partNumberDataListType</a>	0..1	See <a href="#">partNumberDataListType</a> .		

## Referenced By

Name	Type
<a href="#">getPartNumbersQueryResponse</a>	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 <b>pageNumber</b> 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
<a href="#">getProductCategoriesRequest</a>	Element
<a href="#">getProductCategories</a>	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	<a href="#">productCategoryDataType</a>	0..*	A <b>responseData</b> element contains an array of <b>productCategory</b> elements. See <a href="#">productCategoryDataType</a> .


## Complex Type: getProductCategoriesResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives a reason for partial failure or failure.										
responseData	<a href="#">getProductCategoriesResponseDataType</a>	0..1	A <b>getProductCategoriesResponse</b> contains an array of <b>responseData</b> elements. See <a href="#">getProductCategoriesResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getProductCategoriesResponse</a>	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	<a href="#">productQueryParametersType</a>	0..1	Required. See <a href="#">productQueryParametersType</a> . Leave this element blank to return all products.

### Referenced By

Name	Type
<a href="#">getProductCountRequest</a>	Element
<a href="#">getProductCount</a>	Method


## Complex Type: getProductCountResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getCountResponseDataType</a>	0..1	Contains an integer <b>count</b> element. See <a href="#">getCountResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getProductCountResponse</a>	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	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .

### Referenced By

Name	Type
<a href="#">getProductRelationshipsRequest</a>	Element
<a href="#">getProductRelationships</a>	Method


## Complex Type: getProductRelationshipsResponseType

### 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 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>	Element	Data Type	Description	status	StatusType	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.
Element	Data Type	Description										
status	StatusType	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.										
relationship	<a href="#">productRelationshipDataType</a>	1..*	A <b>getProductRelationshipsResponse</b> contains an array of <b>relationship</b> elements. See <a href="#">productRelationshipDataType</a> .									

### Referenced By

Name	Type
<a href="#">getProductRelationshipsResponse</a>	Element

## Complex Type: getProductQueryRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	<a href="#">productQueryParametersType</a>	0..1	Required. See <a href="#">productQueryParametersType</a> . 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 <b>pageNumber</b> 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
<a href="#">getProductsQueryRequest</a>	Element
<a href="#">getProductsQuery</a>	Method

## Complex Type: getProductQueryResponseDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	<a href="#">productQueryDataType</a>	0..*	A <b>responseData</b> element contains an array of <b>product</b> elements. See <a href="#">productQueryDataType</a> .


## Complex Type: getProductsQueryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getProductsQueryResponseDataType</a>	0..1	See <a href="#">getProductsQueryResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getProductsQueryResponse</a>	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	<a href="#">identifierQueryParametersType</a>	0..1	Required. See <a href="#">identifierQueryParametersType</a> .

### Referenced By

Name	Type
<a href="#">getTransactionKeyIdentifiersRequest</a>	Element
<a href="#">getTransactionKeyIdentifiers</a>	Method


## Complex Type: getTransactionKeyIdentifiersResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">transactionKeyIdentifiersDataListType</a>	0..1	See <a href="#">transactionKeysIdentifiersDataListType</a> .									

### Referenced By

Name	Type
<a href="#">getTransactionKeyIdentifiersResponse</a>	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	<a href="#">suiteQueryParametersType</a>	0..1	Required. See <a href="#">suiteQueryParametersType</a> . Leave this element blank to return all suites.

### Referenced By

Name	Type
<a href="#">getUniformSuiteCountRequest</a>	Element
<a href="#">getUniformSuiteCount</a>	Method




## Complex Type: getUniformSuiteCountResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getCountResponseDataType</a>	0..1	Contains an integer <b>count</b> element.									

### Referenced By

Name	Type
<a href="#">getUniformSuiteCountResponse</a>	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	<a href="#">suiteQueryParametersType</a>	0..1	Required. See <a href="#">suiteQueryParametersType</a> . 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 <b>pageNumber</b> 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
<a href="#">getUniformSuitesQueryRequest</a>	Element
<a href="#">getUniformSuiteQuery</a>	Method

## Complex Type: getUniformSuitesQueryResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
uniformSuite	<a href="#">uniformSuiteQueryDataT ype</a>	0..*	A <b>responseData</b> element contains an array of <b>uniformSuite</b> elements. See <a href="#">uniformSuiteQueryDataType</a> .


## Complex Type: getUniformSuitesQueryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getUniformSuitesQueryResponseType</a>	0..1	See <a href="#">getUniformSuitesQueryResponseType</a> .									

### Referenced By

Name	Type
<a href="#">getUniformSuitesQueryResponse</a>	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	<a href="#">productCategoryDataType</a>	1..1	Required. See <a href="#">productCategoryDataType</a> .

### Referenced By

Name	Type
<a href="#">getUsersForProductCategoryRequest</a>	Element
<a href="#">getUsersForProductCategory</a>	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	<a href="#">userIdentifierType</a>	0..*	See <a href="#">userIdentifierType</a> .


## Complex Type: getUsersForProductCategoryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives a reason for partial failure or failure.										
userData	<a href="#">getUsersForProductCategoryResponseDataType</a>	0..1	A <b>getUsersForProductCategoryResponseDataType</b> contains an array of <b>userData</b> elements. See <a href="#">getUsersForProductCategoryResponseDataType</a> .									

## Referenced By

Name	Type
<a href="#">getUsersForProductCategoryResponse</a>	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: <ul style="list-style-type: none"><li>• USER</li><li>• HOST</li><li>• DISPLAY</li><li>• VENDOR</li></ul>

## 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	<a href="#">userIdentifierType</a>	1..1	See <a href="#">userIdentifierType</a> .
productCategory	<a href="#">productCategoryDataType</a>	1..*	An array of productCategory elements. See <a href="#">productCategoryDataType</a> .

### Referenced By

Name	Type
<a href="#">assignProductCategoriesToUserRequest</a>	Element
<a href="#">removeProductCategoriesFromUserRequest</a>	Element
<a href="#">assignProductCategoriesToUser</a>	Method
<a href="#">removeProductCategoriesFromUser</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives a reason for partial failure or failure.										

### Referenced By

Name	Type
<a href="#">assignProductCategoriesToUserResponse</a>	Element
<a href="#">removeProductCategoriesFromUserResponse</a>	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	<a href="#">accountIdentifierType</a>	1..1	See <a href="#">accountIdentifierType</a> .
productCategory	<a href="#">productCategoryDataType</a>	1..*	An array of <b>productCategory</b> elements. See <a href="#">productCategoryDataType</a> .

### Referenced By

Name	Type
<a href="#">assignProductCategoriesToAcctRequest</a>	Element
<a href="#">removeProductCategoriesFromAcctRequest</a>	Element
<a href="#">assignProductCategoriesToAcct</a>	Method
<a href="#">removeProductCategoriesFromAcct</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives a reason for partial failure or failure.										

### Referenced By

Name	Type
<a href="#">assignProductCategoriesToAcctResponse</a>	Element
<a href="#">removeProductCategoriesFromAcctResponse</a>	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	<a href="#">hostTypePKType</a>	1..*	See <a href="#">hostTypePKType</a> .

## 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	<a href="#">SimpleQueryType</a>	0..1	Required. A name element contains: <ul style="list-style-type: none"><li>• value—a string to match part or all of the name.</li><li>• searchType—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>



## 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	<a href="#">licenseGeneratorPKType</a>	0..1	Database primary key of the license generator configuration—string containing the <b>name</b> 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 <b>name</b> 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	<a href="#">licenseGeneratorIdentifierType</a>	0..*	<b>licenseGenerators</b> contains one or more <b>licenseGeneratorIdentifier</b> elements. See <a href="#">licenseGeneratorIdentifierType</a> .

## 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	<a href="#">licenseModelIdentifierType</a>	1..1	See <a href="#">licenseModelIdentifierType</a> .
licenseTechnology	<a href="#">licenseTechnologyIdentifierType</a>	1..1	See <a href="#">licenseTechnologyIdentifierType</a> .
attributeDetails	<a href="#">modelAttributesType</a>	1..1	See <a href="#">modelAttributesType</a> .

## 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	<a href="#">licenseModelPKType</a>	0..1	Database primary key of the license model. See <a href="#">licenseModelPKType</a> .

## 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 <b>name</b> 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	<a href="#">licenseModelIdentifierType</a>	1..*	Required. See <a href="#">licenseModelIdentifierType</a> .

## 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	<a href="#">licenseTechnologyDetailsType</a>	0..*	<b>responseData</b> contains one or more <b>licenseTechnology</b> elements. See <a href="#">TlicenseTechnologyDetailsType</a> .



## 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	<a href="#">licenseTechnologyIdentifierType</a>	1..1	See <a href="#">licenseTechnologyIdentifierType</a> .
licenseGenerators	<a href="#">licenseGeneratorsDetailsType</a>	1..1	See <a href="#">licenseGeneratorsDetailsType</a> .
hostTypes	<a href="#">hostTypeListType</a>	1..1	A collection of one or more <a href="#">hostTypePKType</a> elements. Use <b>hostTypes</b> 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	<a href="#">licenseTechnologyPKType</a>	0..1	Database primary key of the license technology. See <a href="#">licenseTechnologyPKType</a> .

## 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 <b>name</b> 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	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>name</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the license technology name.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## Complex Type: maintenancelIdentifierType

### 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	<a href="#">maintenancePKType</a>	0..1	Database primary key of the maintenance product. See <a href="#">maintenancePKType</a> .


## 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 <b>name</b> of the maintenance product.
version	string	1..1	The <b>version</b> 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	<a href="#">partNumbersSimpleListType</a>	0..1	The part numbers in the maintenance product are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">partNumbersSimpleListType</a> .

## 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	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>maintenanceName</b> element contains: <ul style="list-style-type: none"> <li><b>value</b>—a string to match part or all of the maintenance product name.</li> <li><b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>STARTS_WITH</li> <li>CONTAINS</li> <li>ENDS_WITH</li> <li>EQUALS.</li> </ul> </li> </ul>
version	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>version</b> element contains: <ul style="list-style-type: none"> <li><b>value</b>—a string to match part or all of the maintenance product version.</li> <li><b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>STARTS_WITH</li> <li>CONTAINS</li> <li>ENDS_WITH</li> <li>EQUALS.</li> </ul> </li> </ul>



## Content Model

Component	Type	Occurs	Description
description	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>description</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the description.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS.</li> </ul> </li> </ul>
partNumber	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>partNumber</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the part number.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS.</li> </ul> </li> </ul>
state	<a href="#">StateQueryType</a>	0..1	Optional. A <b>state</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a StateType value of DRAFT, DEPLOYED, INACTIVE, or OBSOLETE to match part or all of the state value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
creationDate	<a href="#">DateQueryType</a>	0..1	Optional. A <b>creationDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the creation date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
lastModifiedDate	<a href="#">DateQueryType</a>	0..1	Optional. A <b>lastModifiedDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the last modified date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>

## 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	<a href="#">maintenanceIdentifierType</a>	1..1	Required. See <a href="#">maintenanceIdentifierType</a> .
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.

## 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	<a href="#">licenseModelDetailsType</a>	0..*	See <a href="#">licenseModelDetailsType</a> .

## 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: <ul style="list-style-type: none"><li>GREATER_THAN</li><li>GREATER_THAN_EQUALS</li><li>LESS_THAN</li><li>LESS_THAN_EQUALS</li><li>EQUALS</li><li>NOT_EQUALS</li></ul>


## 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 <b>count</b> 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	<a href="#">partNumberDataType</a>	0..*	A <b>responseData</b> element contains an array of <b>partNumber</b> elements to be added. See <a href="#">partNumberDataType</a> .

## 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	<a href="#">partNumberIdentifierType</a>	1..1	See <a href="#">partNumberIdentifierType</a> .
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	<a href="#">productIdentifierType</a>	0..1	Product to which the part number is mapped, if applicable.
mappedLicenseModel	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">partNumberPKType</a>	0..1	Database primary key of the part number. See <a href="#">partNumberPKType</a> .

## 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	<a href="#">partNumberPKType</a>	0..1	Database primary key of the part number. See <a href="#">partNumberPKType</a> .
licenseModel	<a href="#">licenseModelIdentifierType</a>	0..1	Optional, if you want to map a part number for a product to one specific license model linked to the product. See <a href="#">licenseModelIdentifierType</a> .

## 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 <b>partId</b> 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	<a href="#">SimpleQueryType</a>	0..1	Required. Value of a part number. A <b>partId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the part number.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
description	<a href="#">SimpleQueryType</a>	0..1	Optional. Describe what makes this part number unique. A <b>description</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the description.</li></ul> <b>searchType</b> —one of the following simpleSearchType values: <ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul>

## Content Model

Component	Type	Occurs	Description
productName	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>productName</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the product name to which the part number is mapped.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS.</li> </ul> </li> </ul>
licenseModel	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>licenseModel</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the license model name to which the part number is mapped.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
creationDate	<a href="#">DateQueryType</a>	0..1	Optional. Date the part number was created. A <b>creationDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the creation date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
lastModifiedDate	<a href="#">DateQueryType</a>	0..1	Date the part number was last modified. A lastModifiedDate element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the last modified date value.</li><li>• <b>searchType</b>—one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul></li></ul>
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.
unmappedWithLicense Model	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	<a href="#">partNumberIdentifierWithModelType</a>	1..*	Required. See <a href="#">partNumberIdentifierWithModelType</a> .

## 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	<a href="#">partNumberIdentifierType</a>	1..*	Required. See <a href="#">partNumberIdentifierType</a> .

## 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	<a href="#">SimpleQueryType</a>	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	<a href="#">prodCustomAttributeQueryType</a>	0..*	See <a href="#">prodCustomAttributeQueryType</a> .

## 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	<a href="#">categoryAttributesDataType</a>	0..1	See <a href="#">categoryAttributesDataType</a> .

## 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	<a href="#">SimpleQueryType</a>	0..1	<p>A <b>productCategoryName</b> element contains:</p> <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the productCategoryName value.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## 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	<a href="#">productPKType</a>	0..1	Database primary key of the product. See <a href="#">productPKType</a> .

## 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	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .
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 <b>name</b> of the product.
version	string	1..1	The <b>version</b> 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	<a href="#">licenseTechnologyIdentifierType</a>	0..1	Optional. See <a href="#">licenseTechnologyIdentifierType</a> .
licenseGenerator	<a href="#">licenseGeneratorIdentifierType</a>	0..1	Optional. See <a href="#">licenseGeneratorIdentifierType</a> .
packageProperties	<a href="#">packagePropertiesDataType</a>	0..1	See <a href="#">packagePropertiesDataType</a> .
features	<a href="#">featuresListType</a>	0..1	The features in the product are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">featuresListType</a> .
featureBundles	<a href="#">featureBundlesListType</a>	0..1	The feature bundles in the product are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">featureBundlesListType</a> .
licenseModels	<a href="#">licenseModelsListType</a>	0..1	The licenseModels in the product are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">licenseModelsListType</a> .
trustedKey	<a href="#">trustedKeyIdentifierType</a>	0..1	The transaction keys in the product are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">trustedKeyIdentifierType</a> .
virtualTrustedKey	<a href="#">trustedKeyIdentifierType</a>	0..1	The transaction keys in the product are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">trustedKeyIdentifierType</a> .
partNumbers	<a href="#">partNumbersListType</a>	0..1	The part numbers in the product are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">partNumbersListType</a> .
hostType	<a href="#">hostTypePKType</a>	0..1	See <a href="#">hostTypePKType</a> .

## Content Model

Component	Type	Occurs	Description
hostTypes	<a href="#">hostTypeListType</a>	0..1	A collection of one or more <a href="#">hostTypePKType</a> 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	<a href="#">attributeDescriptorDataType</a>	0..1	A collection of license model or custom attributes. See <a href="#">attributeDescriptorDataType</a> .
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.
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	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .
startDate	date	0..1	<p>Only used for automatic upgrade jobs, the <b>startDate</b> 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 <b>startDate</b> and <b>endDate</b> has no impact on manually generated upgrades nor on bulk operations.</p> <p><b>startDate</b> is only available for products; it is not available for maintenance products nor for product suites.</p> <p>Note: This attribute is available in ProductPackagingService v1 and later.</p>
endDate	date	0..1	<p>Only used for automatic upgrade jobs, the <b>endDate</b> 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 <b>startDate</b> and <b>endDate</b> has no impact on manually generated upgrades nor on bulk operations.</p> <p><b>endDate</b> is only available for products; it is not available for maintenance products nor for product suites.</p> <p>Note: This attribute is available in ProductPackagingService v1 and later.</p>

## Content Model

Component	Type	Occurs	Description
upgradeEmailTemplateVarName	string	0..1	<p>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.)</p> <ul style="list-style-type: none"><li>• If <b>upgradeEmailTemplateVarName</b> is empty (no value) or DEFAULT, the default variation of the Product Upgrade Job Email template is used.</li><li>• If <b>upgradeEmailTemplateVarName</b> is <b>None</b>, FlexNet Operations does not send email messages when it creates upgrade lines as a result of the Product Version Upgrade job.</li><li>• If <b>upgradeEmailTemplateVarName</b> specifies an active variation of the Product Upgrade Job email template, FlexNet Operations uses the variation specified.</li></ul> <p><b>Note:</b> This attribute is available in ProductPackagingService v1 and later.</p>

## 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	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>productName</b> element contains: <ul style="list-style-type: none"> <li><b>value</b>—a string to match part or all of the product name.</li> <li><b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>STARTS_WITH</li> <li>CONTAINS</li> <li>ENDS_WITH</li> <li>EQUALS</li> </ul> </li> </ul>
version	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>version</b> element contains: <ul style="list-style-type: none"> <li><b>value</b>—a string to match part or all of the product version.</li> <li><b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>STARTS_WITH</li> <li>CONTAINS</li> <li>ENDS_WITH</li> <li>EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
description	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>description</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the description.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
partNumber	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>partNumber</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the part number.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
state	<a href="#">StateQueryType</a>	0..1	Optional. A state <b>element</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a StateType value of: DRAFT, DEPLOYED, INACTIVE, or OBSOLETE to match part or all of the state value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
creationDate	<a href="#">DateQueryType</a>	0..1	Optional. A <b>creationDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the creation date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
lastModifiedDate	<a href="#">DateQueryType</a>	0..1	Optional. A <b>lastModifiedDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the last modified date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
lastModifiedDateTime	<a href="#">DateTimeQueryType</a>	0..1	This parameter can be used with the <b>getProductsQuery</b> and <b>getProductsCount</b> operations. This parameter enables producers who manage their own end-user portal to display periodic updates to their products.
licenseTechnology	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>licenseTechnology</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the license technology.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
hostType	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>hostType</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the license technology.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
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
productAttributes	<a href="#">prodCustomAttributesQueryListType</a>	0..1	See <a href="#">prodCustomAttributesQueryListType</a> .



## 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	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .
relatedProduct	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .
relation	relationshipType	1..1	Required. Select one of the following that describes how the <b>productToRelate</b> is related to the <b>relatedProduct</b> . For example, the product to relate is a demo of the related product. <ul style="list-style-type: none"><li>RELATION_UNDEFINED</li><li>PRODUCTION_VERSION_OF</li><li>DEMO_OF</li><li>UPGRADE_FROM</li><li>UPGRADE_TO</li><li>UPSELL_FROM</li><li>UPSELL_TO</li><li>IS_MAINTENANCE</li><li>HAS_MAINTENANCE</li></ul>

### Referenced By

Name	Type
<a href="#">updateProductRelationshipDataType</a>	Complex Type

## Complex Type: productListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	<a href="#">productIdentifierWithCountDataType</a>	1..*	<b>products</b> contains an array of one or more <b>product</b> elements. See <a href="#">productIdentifierWithCountDataType</a> .

## 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	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .
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	<a href="#">rolePKType</a>	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	<a href="#">featureBundleStateDataType</a>	1..*	Required. A <b>setFeatureBundleState</b> request contains an array of <b>featureBundle</b> elements for which to change the state. See <a href="#">featureBundleStateDataType</a> .

### Referenced By

Name	Type
<a href="#">setFeatureBundleStateRequest</a>	Element
<a href="#">setFeatureBundleState</a>	Method


## Complex Type: setFeatureBundleStateResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedFeatureBundleStateDataListType</a>	0..1	Information about the feature bundles whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedFeatureBundleStateDataListType</a> .									

Referenced By

Name	Type
<a href="#">setFeatureBundleStateResponse</a>	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	<a href="#">featureStateDataType</a>	1..*	Required. A <b>setFeatureStateRequest</b> contains an array of <b>feature</b> elements for which to change the state. See <a href="#">featureStateDataType</a> .

### Referenced By

Name	Type
<a href="#">setFeatureStateRequest</a>	Element
<a href="#">setFeatureState</a>	Method


## Complex Type: setFeatureStateResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedFeatureStateDataListType</a>	0..1	Information about the features whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedFeatureStateDataListType</a> .									

### Referenced By

Name	Type
<a href="#">setFeatureStateResponse</a>	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	<a href="#">maintenanceStateDataType</a>	1..*	Required. A <b>setMaintenanceState</b> request contains an array of <b>maintenance</b> elements for which to change the state. See <a href="#">maintenanceStateDataType</a> .

### Referenced By

Name	Type
<a href="#">setMaintenanceStateRequest</a>	Element
<a href="#">setMaintenanceState</a>	Method


## Complex Type: setMaintenanceStateResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedMaintenanceStateDataListType</a>	0..1	Information about the maintenance products whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedMaintenanceStateDataListType</a> .									

Referenced By

Name	Type
<a href="#">setMaintenanceStateResponse</a>	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	<a href="#">productStateDataType</a>	1..*	Required. A <b>setProductState</b> request contains an array of <b>product</b> elements for which to change the state. See <a href="#">productStateDataType</a> .

### Referenced By

Name	Type
<a href="#">setProductStateRequest</a>	Element
<a href="#">setProductState</a>	Method


## Complex Type: setProductStateResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedProductStateDataListType</a>	0..1	Information about the products whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedProductStateDataListType</a> .									

### Referenced By

Name	Type
<a href="#">setProductStateResponse</a>	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	<a href="#">uniformSuiteStateDataType</a>	1..*	Required. A <b>setUniformSuiteState</b> request contains an array of suite elements for which to change the state. See <a href="#">uniformSuiteStateDataType</a> .

### Referenced By

Name	Type
<a href="#">setUniformSuiteStateRequest</a>	Element
<a href="#">setUniformSuiteState</a>	Method




## Complex Type: setUniformSuiteStateResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUniformSuiteStateDataListType</a>	0..1	Information about the suites whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedUniformSuiteStateDataListType</a> .									

### Referenced By

Name	Type
<a href="#">setUniformSuiteStateResponse</a>	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: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>

## 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: <ul style="list-style-type: none"> <li>STARTS_WITH</li> <li>CONTAINS</li> <li>ENDS_WITH</li> <li>EQUALS</li> </ul>


## 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	<a href="#">SimpleQueryType</a>	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	<a href="#">suiteCustomAttributeQueryType</a>	0..*	See <a href="#">suiteCustomAttributeQueryType</a> .

## 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	<a href="#">suitePKType</a>	0..1	Database primary key of the suite. See <a href="#">suitePKType</a> .

## 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 <b>name</b> of the suite.
version	string	1..1	The <b>version</b> 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	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>suiteName</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the suite name.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
version	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>version</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the suite version.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>



## Content Model

Component	Type	Occurs	Description
description	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>description</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the description.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
partNumber	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>partNumber</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the part number.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
state	<a href="#">StateQueryType</a>	0..1	Optional. A <b>state</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a StateType value of DRAFT, DEPLOYED, INACTIVE, or OBSOLETE to match part or all of the state value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
creationDate	<a href="#">DateQueryType</a>	0..1	Optional. A <b>creationDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the creation date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
lastModifiedDate	<a href="#">DateQueryType</a>	0..1	Optional. A <b>lastModifiedDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the last modified date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
licenseTechnology	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>licenseTechnology</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the license technology.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
hostType	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>hostType</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the license technology.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
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	<a href="#">suiteCustomAttributesQueryListType</a>	0..1	See <a href="#">suiteCustomAttributesQueryListType</a> .

## 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	<a href="#">trustedKeyIdentifierType</a>	0..*	See <a href="#">trustedKeyIdentifierType</a> .

## 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	<a href="#">trustedKeyPKType</a>	0..1	Database primary key of the transaction key. See <a href="#">trustedKeyPKType</a> .

## 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 <b>keyName</b> 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	<a href="#">licenseTechnologyIdentifierType</a>	0..1	See <a href="#">licenseTechnologyIdentifierType</a> .
licenseGenerator	<a href="#">licenseGeneratorIdentifierType</a>	0..1	See <a href="#">licenseGeneratorIdentifierType</a> .
packageProperties	<a href="#">packagePropertiesDataType</a>	0..1	See <a href="#">packagePropertiesDataType</a> .
products	<a href="#">productsListType</a>	0..1	The products in the suite are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">productsListType</a> .
licenseModels	<a href="#">licenseModelsListType</a>	0..1	The licenseModels in the suite are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">licenseModelsListType</a> .
trustedKey	<a href="#">trustedKeyIdentifierType</a>	0..1	The default transaction keys in the suite are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">trustedKeyIdentifierType</a> .
virtualTrustedKey	<a href="#">trustedKeyIdentifierType</a>	0..1	The virtualization-aware transaction keys in the suite are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">trustedKeyIdentifierType</a> .
partNumbers	<a href="#">partNumbersListType</a>	0..1	The part numbers in the suite are returned if <b>returnContainedObjects</b> in the request is set to true. See <a href="#">partNumbersListType</a> .
hostType	<a href="#">hostTypePKType</a>	0..1	See <a href="#">hostTypePKType</a> .
hostTypes	<a href="#">hostTypeListType</a>	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	<a href="#">attributeDescriptorDataType</a>	0..1	A collection of license model or custom attributes. See <a href="#">attributeDescriptorDataType</a> .
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.
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	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .



## Complex Type: uniformSuiteStateDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
suitIdentifier	<a href="#">suitIdentifierType</a>	1..1	Required. See <a href="#">suitIdentifierType</a> .
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	<a href="#">entitledProductDataType</a>	0..*	See <a href="#">entitledProductDataType</a> .
opType	CollectionOperationType	1..1	Required. Specify one of the following for each entitlement to be modified: <ul style="list-style-type: none"><li>REPLACE</li><li>ADD</li><li>DELETE</li></ul>

## 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	<a href="#">featureBundleIdentifierType</a>	1..1	Required. See <a href="#">featureBundleIdentifierType</a> .
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	<a href="#">updateFeaturesListType</a>	0..1	Only need to specify if modifying value. See <a href="#">updateFeaturesListType</a> .

## 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	<a href="#">updateFeatureBundleData Type</a>	1..*	Required. An <b>updateFeatureBundleRequest</b> contains an array of <b>featureBundle</b> elements to be modified. See <a href="#">updateFeatureBundleDataType</a> .

### Referenced By

Name	Type
<a href="#">updateFeatureBundleRequest</a>	Element
<a href="#">updateFeatureBundle</a>	Method


## Complex Type: updateFeatureBundleResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateFeatureBundleDataListType</a>	0..1	Information about the feature bundles that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateFeatureBundleDataListType</a> .									

Referenced By

Name	Type
<a href="#">updateFeatureBundleResponse</a>	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	<a href="#">featureBundleIdentifierWithCountDataType</a>	1..*	Required. See <a href="#">featureBundleIdentifierWithCountDataType</a> .
opType	CollectionOperationType	1..1	Required. Specify one of the following for each feature bundle to be modified in the product: <ul style="list-style-type: none"><li>REPLACE</li><li>ADD</li><li>DELETE</li></ul>

## 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	<a href="#">featureIdentifierType</a>	1..1	Required. See <a href="#">featureIdentifierType</a> .
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.
featureOverrideParams	<a href="#">featureOverrideParamsType</a>	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 <a href="#">featureOverrideParamsType</a> .



## 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	<a href="#">updateFeatureDataType</a>	1..*	Required. An <b>updateFeatureRequest</b> contains an array of <b>feature</b> elements to be modified. See <a href="#">updateFeatureDataType</a> .

### Referenced By

Name	Type
<a href="#">updateFeatureRequest</a>	Element
<a href="#">updateFeature</a>	Method

## Complex Type: updateFeatureResponseType

### Description

Elements used in an updateFeatureResponse message. Each feature in the updateFeatureRequest is modified 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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateFeatureDataListType</a>	0..1	Contains one or more <b>failedFeature</b> elements. See <a href="#">failedUpdateFeatureDataListType</a> .									

Referenced By

Name	Type
<a href="#">updateFeatureResponse</a>	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	<a href="#">featureIdentifierWithCountDataType</a>	0..*	Required. See <a href="#">featuresListType</a> .
opType	CollectionOperationType	1..1	Required. Specify one of the following for each feature to be modified in the feature bundle or product: <ul style="list-style-type: none"><li>REPLACE</li><li>ADD</li><li>DELETE</li></ul>

## 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	<a href="#">hostTypePKType</a>	0..*	See <a href="#">hostTypePKType</a> .
opType	CollectionOperationType	1..1	Specify one of the following: <ul style="list-style-type: none"> <li>REPLACE</li> <li>ADD</li> <li>DELETE</li> </ul>

## 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	<a href="#">licenseModelIdentifierType</a>	1..*	Required. See <a href="#">licenseModelIdentifierType</a> .
opType	CollectionOperationType	1..1	Required. Specify one of the following for each part number to be modified in the product: <ul style="list-style-type: none"><li>REPLACE</li><li>ADD</li><li>DELETE</li></ul>

## 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	<a href="#">maintenanceIdentifierType</a>	1..1	Required. See <a href="#">maintenanceIdentifierType</a> .
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	<a href="#">updatePartNumbersSimpleListType</a>	0..1	Only need to specify if modifying value. See <a href="#">updatePartNumbersSimpleListType</a> .

## 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	<a href="#">updateMaintenanceData Type</a>	1..*	Required. An <b>updateMaintenanceRequest</b> contains an array of <b>maintenance</b> elements to be modified. See <a href="#">updateMaintenanceDataType</a> .

### Referenced By

Name	Type
<a href="#">updateMaintenanceRequest</a>	Element
<a href="#">updateMaintenance</a>	Method



## Complex Type: updateMaintenanceResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateMaintenanceDataListType</a>	0..1	Information about the maintenance products that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateMaintenanceDataListType</a> .									

Referenced By

Name	Type
<a href="#">updateMaintenanceResponse</a>	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	<a href="#">partNumberIdentifierWithModelType</a>	0..*	Required. See <a href="#">partNumberIdentifierWithModelType</a> .
opType	CollectionOperationType	1..1	Required. Specify one of the following for each part number to be modified in the product: <ul style="list-style-type: none"><li>• REPLACE</li><li>• ADD</li><li>• DELETE</li></ul>


## 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	<a href="#">partNumberIdentifierType</a>	0..*	Required. See <a href="#">partNumberIdentifierType</a> .
opType	CollectionOperationType	1..1	Required. Specify one of the following for each part number mapping to be modified in the product: <ul style="list-style-type: none"><li>• REPLACE</li><li>• ADD</li><li>• DELETE</li></ul>

## 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	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .
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	<a href="#">licenseGeneratorIdentifierType</a>	0..1	Only need to specify if modifying value. See <a href="#">licenseGeneratorIdentifierType</a> .
packageProperties	<a href="#">packagePropertiesDataType</a>	0..1	Only need to specify if modifying value. See <a href="#">packagePropertiesDataType</a> .
features	<a href="#">updateFeaturesListType</a>	0..1	Only need to specify if modifying value. See <a href="#">updateFeaturesListType</a> .
featureBundles	<a href="#">updateFeatureBundlesListType</a>	0..1	Only need to specify if modifying value. See <a href="#">updateFeatureBundlesListType</a> .
partNumbers	<a href="#">updatePartNumbersListType</a>	0..1	Only need to specify if modifying value. See <a href="#">updatePartNumbersListType</a> .
licenseModels	<a href="#">updateLicenseModelsListType</a>	0..1	Only need to specify if modifying value. See <a href="#">updateLicenseModelsListType</a> .
trustedKey	<a href="#">trustedKeyIdentifierType</a>	0..1	Only need to specify if modifying value. See <a href="#">trustedKeyIdentifierType</a> .
virtualTrustedKey	<a href="#">trustedKeyIdentifierType</a>	0..1	Only need to specify if modifying value. See <a href="#">trustedKeyIdentifierType</a> .
hostType	<a href="#">hostTypePKType</a>	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 <a href="#">hostTypePKType</a> .
hostTypes	<a href="#">updateHostTypeListType</a>	0..1	A collection of one or more hostTypePKType elements. Use hostTypes to assign multiple hosts. See <a href="#">updateHostTypeListType</a> .
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	<a href="#">attributeDescriptorDataType</a>	0..1	A collection of license model or custom attributes. See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .
startDate	date	0..1	<p>Only used for automatic upgrade jobs, the <b>startDate</b> 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 <b>startDate</b> and <b>endDate</b> has no impact on manually generated upgrades nor bulk operations.</p> <p><b>startDate</b> is only available for products; it is not available for maintenance products nor for product suites.</p> <p>Note: This attribute is available in ProductPackagingService v1 and later.</p>
endDate	date	0..1	<p>Only used for automatic upgrade jobs, the <b>endDate</b> 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 <b>startDate</b> and <b>endDate</b> has no impact on manually generated upgrades nor bulk operations.</p> <p><b>endDate</b> is only available for products; it is not available for maintenance products nor for product suites.</p> <p>Note: This attribute is available in ProductPackagingService v1 and later.</p>

## Content Model

Component	Type	Occurs	Description
upgradeEmailTemplateVarName	string	0..1	<p>Only used for automatic upgrade jobs, the <b>upgradeEmailTemplateVarName</b> 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.)</p> <ul style="list-style-type: none"><li>• The <b>upgradeEmailTemplateVarName</b> value can be empty, <b>DEFAULT</b>, <b>None</b>, or the name of an active variation of the Product Upgrade Job Email template.</li><li>• Empty (no value specified) and <b>DEFAULT</b> cause FlexNet Operations to use the default variation of the Product Upgrade Job Email template for automatic upgrades to this product.</li><li>• <b>None</b> prevents FlexNet Operations from sending email messages for automatic upgrades to this product.</li><li>• 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.)</li></ul> <p><b>Note:</b> This attribute is available in ProductPackagingService v1 and later.</p>

## 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	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .
relatedProduct	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .
relation	relationshipType	1..1	<p>Required. Select one of the following that describes how the <b>productToRelate</b> is related to the <b>relatedProduct</b>. For example, the product to relate is a demo of the related product.</p> <ul style="list-style-type: none"><li>RELATION_UNDEFINED</li><li>PRODUCTION_VERSION_OF</li><li>DEMO_OF</li><li>UPGRADE_FROM</li><li>UPGRADE_TO</li><li>UPSELL_FROM</li><li>UPSELL_TO</li><li>IS_MAINTENANCE</li><li>HAS_MAINTENANCE</li></ul>



## Content Model

Component	Type	Occurs	Description
newRelation	relationshipType	1..1	<p>Required. Select one of the following that describes how the <b>productToRelate</b> is related to the <b>relatedProduct</b>. For example, the product to relate is a demo of the related product.</p> <ul style="list-style-type: none"><li>• RELATION_UNDEFINED</li><li>• PRODUCTION_VERSION_OF</li><li>• DEMO_OF</li><li>• UPGRADE_FROM</li><li>• UPGRADE_TO</li><li>• UPSELL_FROM</li><li>• UPSELL_TO</li><li>• IS_MAINTENANCE</li><li>• HAS_MAINTENANCE</li></ul>

## 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	<a href="#">updateProductRelationshipDataType</a>	1..*	Required. An <b>updateProductRelationshipRequest</b> contains an array of <b>relationship</b> elements to be modified. See <a href="#">updateProductRelationshipDataType</a> .

### Referenced By

Name	Type
<a href="#">updateProductRelationshipRequest</a>	Element
<a href="#">updateProductRelationship</a>	Method


## Complex Type: updateProductRelationshipResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateProductRelationshipDataListType</a>	0..1	Information about the relationships that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateProductRelationshipDataListType</a> .									

### Referenced By

Name	Type
<a href="#">updateProductRelationshipResponse</a>	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	<a href="#">updateProductDataType</a>	1..*	Required. An <b>updateProductRequest</b> contains an array of <b>product</b> elements to be modified. See <a href="#">updateProductDataType</a> .

### Referenced By

Name	Type
<a href="#">updateProductRequest</a>	Element
<a href="#">updateProduct</a>	Method


## Complex Type: updateProductResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateProductDataListType</a>	0..1	Information about the products that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateProductDataListType</a> .									

### Referenced By

Name	Type
<a href="#">updateProductResponse</a>	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	<a href="#">productIdentifierWithCountDataType</a>	1..*	Required. See <a href="#">productIdentifierWithCountDataType</a> .
opType	CollectionOperationType	1..1	Required. Specify one of the following for each feature bundle to be modified in the product: <ul style="list-style-type: none"><li>REPLACE</li><li>ADD</li><li>DELETE</li></ul>

## 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	<a href="#">suiteIdentifierType</a>	1..1	Required. See <a href="#">suiteIdentifierType</a> .
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	<a href="#">licenseGeneratorIdentifierType</a>	0..1	Only need to specify if modifying value. See <a href="#">licenseGeneratorIdentifierType</a> .
packageProperties	<a href="#">packagePropertiesDataType</a>	0..1	Only need to specify if modifying value. See <a href="#">packagePropertiesDataType</a> .
products	<a href="#">updateProductsListType</a>	0..1	Only need to specify if modifying value. See <a href="#">updateProductsListType</a> .
licenseModels	<a href="#">updateLicenseModelsListType</a>	0..1	Only need to specify if modifying value. See <a href="#">updateLicenseModelsListType</a> .
trustedKey	<a href="#">trustedKeyIdentifierType</a>	0..1	Only need to specify if modifying value. See <a href="#">trustedKeyIdentifierType</a> .
virtualTrustedKey	<a href="#">trustedKeyIdentifierType</a>	0..1	Only need to specify if modifying value. See <a href="#">trustedKeyIdentifierType</a> .
partNumbers	<a href="#">updatePartNumbersListType</a>	0..1	Only need to specify if modifying value. See <a href="#">updatePartNumbersListType</a> .
hostType	<a href="#">hostTypePKType</a>	0..1	If no hostType is set for a FlexNet suite, the default certificate or trusted host type is used. Required if a host type is defined on a custom license technology. See <a href="#">hostTypePKType</a> .
hostTypes	<a href="#">updateHostTypeListType</a>	0..1	A collection of one or more hostTypePKType elements. Use hostTypes to assign multiple hosts. See <a href="#">updateHostTypeListType</a> .

## 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	<a href="#">attributeDescriptorDataType</a>	0..1	A collection of license model or custom attributes. See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .



## 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	<a href="#">updateUniformSuiteDataType</a>	1..*	Required. An <b>updateUniformSuiteRequest</b> contains an array of <b>uniformSuite</b> elements to be modified. See <a href="#">updateUniformSuiteDataType</a> .

### Referenced By

Name	Type
<a href="#">updateUniformSuiteRequest</a>	Element
<a href="#">updateUniformSuite</a>	Method


## Complex Type: updateUniformSuiteResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateUniformSuiteDataListType</a>	0..1	Information about the suites that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateUniformSuiteDataListType</a> .									

### Referenced By

Name	Type
<a href="#">updateUniformSuiteResponse</a>	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	<a href="#">userPKType</a>	0..1	See <a href="#">userPKType</a> .


## 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: <ul style="list-style-type: none"><li>• DEFINE_NOW</li><li>• USE_START_DATE</li><li>• USE_ACTIVATION_DATE</li><li>• DEFINE_VERSION_STARTDATE_LATER</li><li>• DEFINE_VERSION_DATE_LATER</li></ul>
duration	<a href="#">DurationType</a>	0..1	See <a href="#">DurationType</a> .


## 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: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>

# Elements: ProductPackagingService

## Elements

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



## Elements

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

## Elements

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

## Elements

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

## Elements

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

## Elements

Name	Description
<a href="#">updateMaintenanceResponse</a>	An <b>updateMaintenanceResponse</b> message contains an element of <code>updateMaintenanceResponseType</code> . Each maintenance product in the <b>updateMaintenanceRequest</b> is modified as an atomic unit; modifying each either succeeds or fails. No specific information is returned about maintenance products that were modified successfully.
<a href="#">updateProductRelationshipRequest</a>	An <b>updateProductRelationshipRequest</b> message contains an element of <code>updateProductRelationshipRequestType</code> .
<a href="#">updateProductRelationshipResponse</a>	An <b>updateProductRelationshipResponse</b> message contains an element of <code>updateProductRelationshipResponseType</code> . Each relationship in the <b>updateProductRelationshipRequest</b> is modified as an atomic unit; modifying each either succeeds or fails. No specific information is returned about relationships that were modified successfully.
<a href="#">updateProductRequest</a>	An <b>updateProductRequest</b> message contains an element of <code>updateProductRequestType</code> .
<a href="#">updateProductResponse</a>	An <b>updateProductResponse</b> message contains an element of <code>updateProductResponseType</code> . Each product in the <b>updateProductRequest</b> is modified as an atomic unit; modifying each either succeeds or fails. No specific information is returned about products that were modified successfully.
<a href="#">updateUniformSuiteRequest</a>	An <b>updateUniformSuiteRequest</b> message contains an element of <code>updateUniformSuiteRequestType</code> .
<a href="#">updateUniformSuiteResponse</a>	An <b>updateUniformSuiteResponse</b> message contains an element of <code>updateUniformSuiteResponseType</code> . Each suite in the <b>updateUniformSuiteRequest</b> is modified 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	<a href="#">accountIdentifierType</a>	1..1	See <a href="#">accountIdentifierType</a> .
productCategory	<a href="#">productCategoryDataType</a>	1..*	An array of <b>productCategory</b> elements. See <a href="#">productCategoryDataType</a> .

### Referenced By

Name	Type
<a href="#">assignProductCategoriesToAcct</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives a reason for partial failure or failure.										

## Referenced By

Name	Type
<a href="#">assignProductCategoriesToAcct</a>	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	<a href="#">userIdentifierType</a>	1..1	See <a href="#">userIdentifierType</a> .
productCategory	<a href="#">productCategoryDataType</a>	1..*	An array of productCategory elements. See <a href="#">productCategoryDataType</a> .

### Referenced By

Name	Type
<a href="#">assignProductCategoriesToUser</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives a reason for partial failure or failure.										

## Referenced By

Name	Type
<a href="#">assignProductCategoriesToUser</a>	Method

## XML Example

The following XML fragment illustrates a successful **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	<a href="#">createFeatureBundleData</a> <a href="#">Type</a>	1..*	Required. A <b>createFeatureBundleRequest</b> contains an array of <b>featureBundle</b> elements to be added. See <a href="#">createFeatureBundleDataType</a> .

### Referenced By

Name	Type
<a href="#">createFeatureBundle</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedFeatureBundleDataListType</a>	0..1	Information about the feature bundles that were not added is listed in the <b>failedData</b> element. See <a href="#">failedFeatureBundleDataListType</a> .
responseData	<a href="#">createdFeatureBundleDataListType</a>	0..1	Information about the feature bundles that were added is listed in the <b>responseData</b> element. See <a href="#">createdFeatureBundleDataListType</a> .

## Referenced By

Name	Type
<a href="#">createFeatureBundle</a>	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	<a href="#">featureDataType</a>	1..*	Required. A <b>createFeatureRequest</b> contains an array of <b>feature</b> elements to be added. See <a href="#">featureDataType</a> .

Referenced By

Name	Type
<a href="#">createFeature</a>	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>
    </featureOverrideParams>
  </feature>
</createFeatureRequest>
```

## 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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedFeatureDataListType</a>	0..1	Information about the features that were not added is listed in the <b>failedData</b> element. See <a href="#">failedFeatureDataListType</a> .									

## Content Model

Component	Type	Occurs	Description
responseData	<a href="#">createdFeatureDataListType</a>	0..1	Information about the features that were added is listed in the <b>responseData</b> element. See <a href="#">createdFeatureDataListType</a> .

## Referenced By

Name	Type
<a href="#">createFeature</a>	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	<a href="#">createMaintenanceDataType</a>	1..*	Required. A <b>createMaintenanceRequest</b> contains an array of <b>maintenance</b> elements to be added. See <a href="#">createMaintenanceDataType</a> .

### Referenced By

Name	Type
<a href="#">createMaintenance</a>	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.

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

## Content Model

Component	Type	Occurs	Description
responseData	<a href="#">createdMaintenanceDataListType</a>	0..1	Information about the maintenance products that were added is listed in the <b>responseData</b> element. See <a href="#">createdMaintenanceDataListType</a> .

## Referenced By

Name	Type
<a href="#">createMaintenance</a>	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	<a href="#">createPartNumberDataType</a>	1..*	Required. A <b>createPartNumberRequest</b> contains an array of <b>partNumber</b> elements to be added. See <a href="#">createPartNumberDataType</a> .
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
<a href="#">createPartNumber</a>	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

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



## Content Model

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

## Referenced By

Name	Type
<a href="#">createPartNumber</a>	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	<a href="#">createProductCategoryDataType</a>	1..*	Required. A <b>createProductCategoryRequest</b> contains an array of <b>productCategory</b> elements to be added. See <a href="#">createProductCategoryDataType</a> .

### Referenced By

Name	Type
<a href="#">createProductCategory</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedProductCategoryDataListType</a>	0..1	Information about the categories that were not added is listed in the <b>failedData</b> element. See <a href="#">failedProductCategoryDataListType</a>									

## Content Model

Component	Type	Occurs	Description
responseData	<a href="#">createdProductCategoryDataListType</a>	0..1	Information about the categories that were added is listed in the <b>responseData</b> element. See <a href="#">createdProductCategoryDataListType</a> .

## Referenced By

Name	Type
<a href="#">createProductCategory</a>	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	<a href="#">productRelationshipDataType</a>	1..*	Required. A createProductRelationshipRequest contains an array of relationship elements to be added. See <a href="#">productRelationshipDataType</a> .

### Referenced By

Name	Type
<a href="#">createProductRelationship</a>	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	<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:<ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusInfo	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusInfo	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedProductRelationshipDataListType</a>	0..1	Information about the relationships that were not added is listed in the <b>failedData</b> element. See <a href="#">failedProductRelationshipDataListType</a> .

## Referenced By

Name	Type
<a href="#">createProductRelationship</a>	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	<a href="#">createProductDataType</a>	1..*	Required. A createProductRequest contains an array of product elements to be added. See <a href="#">createProductDataType</a> .

### Referenced By

Name	Type
<a href="#">createProduct</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedProductDataListType</a>	0..1	Information about the products that were not added is listed in the <b>failedData</b> element. See <a href="#">failedProductDataListType</a> .									

## Content Model

Component	Type	Occurs	Description
responseData	<a href="#">createdProductDataListType</a>	0..1	Information about the products that were added is listed in the <b>responseData</b> element. See <a href="#">createdProductDataListType</a> .

## Referenced By

Name	Type
<a href="#">createProduct</a>	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	<a href="#">createUniformSuiteDataType</a>	1..*	Required. A <b>createUniformSuiteRequest</b> contains an array of <b>uniformSuite</b> elements to be added. See <a href="#">createUniformSuiteDataType</a> .

### Referenced By

Name	Type
<a href="#">createUniformSuite</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUniformSuiteDataListType</a>	0..1	Information about the suites that were not added is listed in the <b>failedData</b> element. See <a href="#">failedUniformSuiteDataListType</a> .									

## Content Model

Component	Type	Occurs	Description
responseData	<a href="#">createdUniformSuiteDataListType</a>	0..1	Information about the suites that were added is listed in the <b>responseData</b> element. See <a href="#">createdUniformSuiteDataListType</a> .

## Referenced By

Name	Type
<a href="#">createUniformSuite</a>	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	<a href="#">deleteFeatureBundleData Type</a>	1..*	Required. A <b>deleteFeatureBundleRequest</b> contains an array of <b>featureBundle</b> elements to be deleted. See <a href="#">deleteFeatureBundleData Type</a> .

### Referenced By

Name	Type
<a href="#">deleteFeatureBundle</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>response</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	response	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
response	string	Gives reason for partial failure or failure.										

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedDeleteFeatureBundleDataListType</a>	0..1	Information about the feature bundles that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteFeatureBundleDataListType</a> .

## Referenced By

Name	Type
<a href="#">deleteFeatureBundle</a>	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	<a href="#">deleteFeatureDataType</a>	1..*	Required. A <b>deleteFeatureRequest</b> contains an array of feature elements to be deleted. See <a href="#">deleteFeatureDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteFeature</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteFeatureDataListType</a>	0..1	Information about the features that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteFeatureDataListType</a> .									

Referenced By

Name	Type
<a href="#">deleteFeature</a>	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	<a href="#">deleteMaintenanceDataT ype</a>	1..*	Required. A <b>deleteMaintenanceRequest</b> contains an array of maintenance elements to be deleted. See <a href="#">deleteMaintenanceDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteMaintenance</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedDeleteMaintenanceDataListType</a>	0..1	Information about the maintenance products that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteMaintenanceDataListType</a> .

## Referenced By

Name	Type
<a href="#">deleteMaintenance</a>	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	<a href="#">deletePartNumberDataType</a>	1..*	Required. A <b>deletePartNumberRequest</b> contains an array of <b>partNumber</b> elements to be deleted. See <a href="#">deletePartNumberDataType</a> .

### Referenced By

Name	Type
<a href="#">deletePartNumber</a>	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

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

## Content Model

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

## Referenced By

Name	Type
<a href="#">deletePartNumber</a>	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	<a href="#">productRelationshipDataType</a>	1..*	Required. A <b>deleteProductRelationshipRequest</b> contains an array of <b>relationship</b> elements to be deleted. See <a href="#">productRelationshipDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteProductRelationship</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedProductRelationshipDataListType</a>	0..1	Information about the relationships that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedProductRelationshipDataListType</a>

## Referenced By

Name	Type
<a href="#">deleteProductRelationship</a>	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	<a href="#">deleteProductDataType</a>	1..*	Required. A <b>deleteProductRequest</b> contains an array of product elements to be deleted. See <a href="#">deleteProductDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteProduct</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were rocessed.</li><li>PARTIAL_FAILURE—Some, but not all products n the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request ere processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were rocessed.</li><li>PARTIAL_FAILURE—Some, but not all products n the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request ere processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were rocessed.</li><li>PARTIAL_FAILURE—Some, but not all products n the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request ere processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteProductDataListType</a>	0..1	Information about the products that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteProductDataListType</a> .									

## Referenced By

Name	Type
<a href="#">deleteProduct</a>	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	<a href="#">deleteUniformSuiteDataType</a>	1..*	Required. A <b>deleteUniformSuiteRequest</b> contains an array of <b>uniformSuite</b> elements to be deleted. See <a href="#">deleteUniformSuiteDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteUniformSuite</a>	Method

### XML Example

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

```
<deleteUniformSuiteRequest>
  <uniformSuite>
    <suitIdentifier>
      <primaryKeys>
        <name>S1</name>
        <version>1.0</version>
      </primaryKeys>
    </suitIdentifier>
  </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.

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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteUniformSuiteDataListType</a>	0..1	Information about the suites that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedDeleteUniformSuiteDataListType</a> .									

## Referenced By

Name	Type
<a href="#">deleteUniformSuite</a>	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	<a href="#">featureBundleQueryParametersType</a>	0..1	Required. See <a href="#">featureBundleQueryParametersType</a> . Leave this element blank to return all feature bundles.

### Referenced By

Name	Type
<a href="#">getFeatureBundleCount</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getCountResponseDataType</a>	0..1	Contains an integer count element.									

Referenced By

Name	Type
<a href="#">getFeatureBundleCount</a>	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	<a href="#">featureBundleQueryParametersType</a>	0..1	Required. See <a href="#">featureBundleQueryParametersType</a> . Leave this element blank to return all feature bundles.
pageNumber	integer	1..1	Required. Starts at 1. Say the <b>getFeatureBundleCount</b> 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 <b>pageNumber</b> 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 <b>featuresListType</b> of features that are contained in the feature bundle. See <a href="#">featuresListType</a> .

### Referenced By

Name	Type
<a href="#">getFeatureBundlesQuery</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getFeatureBundlesQueryResponseDataType</a>	0..1	See <a href="#">getFeatureBundlesQueryResponseDataType</a> .									

## Referenced By

Name	Type
<a href="#">getFeatureBundlesQuery</a>	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	<a href="#">featureQueryParametersType</a>	0..1	Required. See <a href="#">featureQueryParametersType</a> . Leave this element blank to return all features.

### Referenced By

Name	Type
<a href="#">getFeatureCount</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getCountResponseType</a>	0..1	Contains an integer count element.									

## Referenced By

Name	Type
<a href="#">getFeatureCount</a>	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	<a href="#">featureQueryParametersType</a>	0..1	Required. See <a href="#">featureQueryParametersType</a> . 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 <b>pageNumber</b> to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getFeaturesQuery</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getFeaturesQueryResponseType</a>	0..1	See <a href="#">getFeaturesQueryResponseType</a> .									



### Referenced By

Name	Type
<a href="#">getFeaturesQuery</a>	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	<a href="#">licenseTechnologyQueryParametersType</a>	0..1	Required. See <a href="#">licenseTechnologyQueryParametersType</a> . Leave this element blank to return all license technologies.

### Referenced By

Name	Type
<a href="#">getLicenseTechnologiesQuery</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All accounts in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all accounts in the request were processed.</li><li>FAILURE—None of the accounts in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All accounts in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all accounts in the request were processed.</li><li>FAILURE—None of the accounts in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All accounts in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all accounts in the request were processed.</li><li>FAILURE—None of the accounts in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">licenseTechnologyDataListType</a>	0..1	Information about the license technologies that matched the query is listed in the <b>responseData</b> element. See <a href="#">licenseTechnologyDataListType</a> .									

### Referenced By

Name	Type
<a href="#">getLicenseTechnologiesQuery</a>	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	<a href="#">maintenanceQueryParametersType</a>	0..1	Required. See <a href="#">maintenanceQueryParametersType</a> . Leave this element blank to return all maintenance products.

### Referenced By

Name	Type
<a href="#">getMaintenanceCount</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getCountResponseDataType</a>	0..1	Contains an integer <b>count</b> element.									

## Referenced By

Name	Type
<a href="#">getMaintenanceCount</a>	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	<a href="#">maintenanceQueryParametersType</a>	0..1	Required. See <a href="#">maintenanceQueryParametersType</a> . 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 <b>pageNumber</b> 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 maintenance product.

### Referenced By

Name	Type
<a href="#">getMaintenanceQuery</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getMaintenanceQueryResponseType</a>	0..1	See <a href="#">getMaintenanceQueryResponseType</a> .									

## Referenced By

Name	Type
<a href="#">getMaintenanceQuery</a>	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	<a href="#">identifierQueryParametersType</a>	0..1	Required. See <a href="#">identifierQueryParametersType</a> .

### Referenced By

Name	Type
<a href="#">getLicenseModelIdentifiers</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">modelIdentifiersDataListType</a>	0..1	See <a href="#">modelIdentifiersDataListType</a> .									

### Referenced By

Name	Type
<a href="#">getLicenseModelIdentifiers</a>	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	<a href="#">partNumberQueryParametersType</a>	0..1	Required. See <a href="#">partNumberQueryParametersType</a> .

### Referenced By

Name	Type
<a href="#">getPartNumberCount</a>	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

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



## Content Model

Component	Type	Occurs	Description											
			<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>			Element	Data Type	Description			means that the import request of part numbers was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description												
		means that the import request of part numbers was not scheduled.												
reason	string	Gives reason for partial failure or failure.												
responseData	<a href="#">partNumberCountDataType</a>	0..1	Contains an integer <b>count</b> element. See <a href="#">partNumberCountDataType</a> .											

## Referenced By

Name	Type
<a href="#">getPartNumberCount</a>	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	<a href="#">partNumberQueryParametersType</a>	0..1	Required. See <a href="#">partNumberQueryParametersType</a> .
pageNumber	integer	1..1	Required. Starts at 1. Say the <code>getPartNumberCount</code> 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 <b>pageNumber</b> to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getPartNumbersQuery</a>	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

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

## Content Model

Component	Type	Occurs	Description									
			<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>	Element	Data Type	Description			means that the import request of part numbers was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		means that the import request of part numbers was not scheduled.										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">partNumberDataListType</a>	0..1	See <a href="#">partNumberDataListType</a> .									

## Referenced By

Name	Type
<a href="#">getPartNumbersQuery</a>	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 <b>pageNumber</b> 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
<a href="#">getProductCategories</a>	Method

### XML Example

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

```
<getProductCategoriesRequest>
  <pageNumber>1</pageNumber>
  <batchSize>30</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.

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:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives a reason for partial failure or failure.										
responseData	<a href="#">getProductCategoriesResponseDataType</a>	0..1	A <b>getProductCategoriesResponse</b> contains an array of <b>responseData</b> elements. See <a href="#">getProductCategoriesResponseDataType</a> .									

Referenced By

Name	Type
<a href="#">getProductCategories</a>	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	<a href="#">productQueryParametersType</a>	0..1	Required. See <a href="#">productQueryParametersType</a> . Leave this element blank to return all products.

### Referenced By

Name	Type
<a href="#">getProductCount</a>	Method

### XML Example

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

```
<getProductCountRequest>
  <queryParams>
    <productName>
      <value>Product</value>
    </productName>
    <version>
      <value>1</value>
    </version>
    <searchType>STARTS_WITH</searchType>
  </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.

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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getCountResponseDataType</a>	0..1	Contains an integer <b>count</b> element. See <a href="#">getCountResponseDataType</a> .									

## Referenced By

Name	Type
<a href="#">getProductCount</a>	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	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .

### Referenced By

Name	Type
<a href="#">getProductRelationships</a>	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.

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>	Element	Data Type	Description	status	StatusType	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.
Element	Data Type	Description										
status	StatusType	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.										
relationship	<a href="#">productRelationshipDataType</a>	1..*	A <b>getProductRelationshipsResponse</b> contains an array of <b>relationship</b> elements. See <a href="#">productRelationshipDataType</a> .									

### Referenced By

Name	Type
<a href="#">getProductRelationships</a>	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	<a href="#">productQueryParametersType</a>	0..1	Required. See <a href="#">productQueryParametersType</a> . 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 <b>pageNumber</b> 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
<a href="#">getProductsQuery</a>	Method

### XML Example

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

```
<getProductsQueryRequest>
  <queryParams>
    <productName>
      <value>Product</value>
    <searchType>STARTS_WITH</searchType>
    </productName>
  </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.

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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getProductsQueryResponseType</a>	0..1	See <a href="#">getProductsQueryResponseType</a> .									



## Referenced By

Name	Type
<a href="#">getProductsQuery</a>	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	<a href="#">identifierQueryParametersType</a>	0..1	Required. See <a href="#">identifierQueryParametersType</a> .

### Referenced By

Name	Type
<a href="#">getTransactionKeyIdentifiers</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entities in the request were processed.</li><li>FAILURE—None of the entities in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">transactionKeyIdentifiersDataListType</a>	0..1	See <a href="#">transactionKeysIdentifiersDataListType</a> .									

### Referenced By

Name	Type
<a href="#">getTransactionKeyIdentifiers</a>	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	<a href="#">suiteQueryParametersType</a>	0..1	Required. See <a href="#">suiteQueryParametersType</a> . Leave this element blank to return all suites.

### Referenced By

Name	Type
<a href="#">getUniformSuiteCount</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getCountResponseDataType</a>	0..1	Contains an integer <b>count</b> element.									

## Referenced By

Name	Type
<a href="#">getUniformSuiteCount</a>	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	<a href="#">suiteQueryParametersType</a>	0..1	Required. See <a href="#">suiteQueryParametersType</a> . 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 <b>pageNumber</b> 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
<a href="#">getUniformSuiteQuery</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getUniformSuitesQueryResponseDataType</a>	0..1	See <a href="#">getUniformSuitesQueryResponseDataType</a> .									

## Referenced By

Name	Type
<a href="#">getUniformSuiteQuery</a>	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	<a href="#">productCategoryDataType</a>	1..1	Required. See <a href="#">productCategoryDataType</a> .

### Referenced By

Name	Type
<a href="#">getUsersForProductCategory</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives a reason for partial failure or failure.										
userData	<a href="#">getUsersForProductCategoryResponseDataType</a>	0..1	A <b>getUsersForProductCategoryResponseDataType</b> contains an array of <b>userData</b> elements. See <a href="#">getUsersForProductCategoryResponseDataType</a> .									

## Referenced By

Name	Type
<a href="#">getUsersForProductCategory</a>	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	<a href="#">accountIdentifierType</a>	1..1	See <a href="#">accountIdentifierType</a> .
productCategory	<a href="#">productCategoryDataType</a>	1..*	An array of <b>productCategory</b> elements. See <a href="#">productCategoryDataType</a> .

### Referenced By

Name	Type
<a href="#">removeProductCategoriesFromAcct</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives a reason for partial failure or failure.										

## Referenced By

Name	Type
<a href="#">removeProductCategoriesFromAcct</a>	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	<a href="#">userIdentifierType</a>	1..1	See <a href="#">userIdentifierType</a> .
productCategory	<a href="#">productCategoryDataType</a>	1..*	An array of productCategory elements. See <a href="#">productCategoryDataType</a> .

### Referenced By

Name	Type
<a href="#">removeProductCategoriesFromUser</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives a reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>	reason	string	Gives a reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All categories in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all categories in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the categories in the request were processed.</li></ul>										
reason	string	Gives a reason for partial failure or failure.										

Referenced By

Name	Type
<a href="#">removeProductCategoriesFromUser</a>	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	<a href="#">featureBundleStateDataType</a>	1..*	Required. A <b>setFeatureBundleState</b> request contains an array of <b>featureBundle</b> elements for which to change the state. See <a href="#">featureBundleStateDataType</a> .

### Referenced By

Name	Type
<a href="#">setFeatureBundleState</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedFeatureBundleStateDataListType</a>	0..1	Information about the feature bundles whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedFeatureBundleStateDataListType</a> .									

## Referenced By

Name	Type
<a href="#">setFeatureBundleState</a>	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	<a href="#">featureStateDataType</a>	1..*	Required. A <b>setFeatureStateRequest</b> contains an array of <b>feature</b> elements for which to change the state. See <a href="#">featureStateDataType</a> .

Referenced By

Name	Type
<a href="#">setFeatureState</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedFeatureStateDataListType</a>	0..1	Information about the features whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedFeatureStateDataListType</a> .									



## Referenced By

Name	Type
<a href="#">setFeatureState</a>	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	<a href="#">maintenanceStateDataType</a>	1..*	Required. A <b>setMaintenanceState</b> request contains an array of <b>maintenance</b> elements for which to change the state. See <a href="#">maintenanceStateDataType</a> .

### Referenced By

Name	Type
<a href="#">setMaintenanceState</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedMaintenanceStateDataListType</a>	0..1	Information about the maintenance products whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedMaintenanceStateDataListType</a> .									

## Referenced By

Name	Type
<a href="#">setMaintenanceState</a>	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	<a href="#">productStateDataType</a>	1..*	Required. A <b>setProductState</b> request contains an array of <b>product</b> elements for which to change the state. See <a href="#">productStateDataType</a> .

### Referenced By

Name	Type
<a href="#">setProductState</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedProductStateDataListType</a>	0..1	Information about the products whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedProductStateDataListType</a> .									

## Referenced By

Name	Type
<a href="#">setProductState</a>	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	<a href="#">uniformSuiteStateDataType</a>	1..*	Required. A <b>setUniformSuiteState</b> request contains an array of suite elements for which to change the state. See <a href="#">uniformSuiteStateDataType</a> .

### Referenced By

Name	Type
<a href="#">setUniformSuiteState</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUniformSuiteStateDataListType</a>	0..1	Information about the suites whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedUniformSuiteStateDataListType</a> .									

## Referenced By

Name	Type
<a href="#">setUniformSuiteState</a>	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	<a href="#">updateFeatureBundleData Type</a>	1..*	Required. An <b>updateFeatureBundleRequest</b> contains an array of <b>featureBundle</b> elements to be modified. See <a href="#">updateFeatureBundleData Type</a> .

### Referenced By

Name	Type
<a href="#">updateFeatureBundle</a>	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 modified 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:<ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All feature bundles in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all feature bundles in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the feature bundles in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedUpdateFeatureBundleDataListType</a>	0..1	Information about the feature bundles that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateFeatureBundleDataListType</a> .

## Referenced By

Name	Type
<a href="#">updateFeatureBundle</a>	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	<a href="#">updateFeatureDataType</a>	1..*	Required. An <b>updateFeatureRequest</b> contains an array of <b>feature</b> elements to be modified. See <a href="#">updateFeatureDataType</a> .

### Referenced By

Name	Type
<a href="#">updateFeature</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateFeatureDataListType</a>	0..1	Contains one or more <b>failedFeature</b> elements. See <a href="#">failedUpdateFeatureDataListType</a> .									

## Referenced By

Name	Type
<a href="#">updateFeature</a>	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	<a href="#">updateMaintenanceDataType</a>	1..*	Required. An <b>updateMaintenanceRequest</b> contains an array of <b>maintenance</b> elements to be modified. See <a href="#">updateMaintenanceDataType</a> .

### Referenced By

Name	Type
<a href="#">updateMaintenance</a>	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 modified 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.

Component	Type	Occurs	Description		
 SEQUENCE		1..1			
statusInfo	StatusInfoType	1..1	Element	Data Type	Description
			status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All maintenance products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all maintenance products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the maintenance products in the request were processed.</li></ul>
			reason	string	Gives reason for partial failure or failure.

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedUpdateMaintenanceDataListType</a>	0..1	Information about the maintenance products that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateMaintenanceDataListType</a> .

## Referenced By

Name	Type
<a href="#">updateMaintenance</a>	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	<a href="#">updateProductRelationshipData Type</a>	1..*	Required. An <b>updateProductRelationshipRequest</b> contains an array of <b>relationship</b> elements to be modified. See <a href="#">updateProductRelationshipDataType</a> .

### Referenced By

Name	Type
<a href="#">updateProductRelationship</a>	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 modified 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	Element	Data Type	Description
			status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All relationships in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all relationships in the request were processed. The get operation never returns PARTIAL_FAILURE.</li><li>FAILURE—None of the relationships in the request were processed.</li></ul>
			reason	string	Gives reason for partial failure or failure.

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedUpdateProductRelationshipDataListType</a>	0..1	Information about the relationships that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateProductRelationshipDataListType</a> .

## Referenced By

Name	Type
<a href="#">updateProductRelationship</a>	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	<a href="#">updateProductDataType</a>	1..*	Required. An <b>updateProductRequest</b> contains an array of <b>product</b> elements to be modified. See <a href="#">updateProductDataType</a> .

### Referenced By

Name	Type
<a href="#">updateProduct</a>	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 modified 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.

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:<ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All products in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all products in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the products in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateProductDataListType</a>	0..1	Information about the products that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateProductDataListType</a> .									



## Referenced By

Name	Type
<a href="#">updateProduct</a>	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	<a href="#">updateUniformSuiteDataType</a>	1..*	Required. An <b>updateUniformSuiteRequest</b> contains an array of <b>uniformSuite</b> elements to be modified. See <a href="#">updateUniformSuiteDataType</a> .

### Referenced By

Name	Type
<a href="#">updateUniformSuite</a>	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 modified 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.

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:<ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All suites in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all suites in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the suites in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateUniformSuiteDataListType</a>	0..1	Information about the suites that were not modified is listed in the <b>failedData</b> element. See <a href="#">failedUpdateUniformSuiteDataListType</a> .									

## Referenced By

Name	Type
<a href="#">updateUniformSuite</a>	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: EntitlementOrderServiceV5

### Methods

Name	Description
<a href="#">createBulkEntitlement</a>	The <b>createBulkEntitlement</b> 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.
<a href="#">createEntitlementLineItem</a>	<p>The <b>createEntitlementLineItem</b> operation adds one or more entitlement line items to a simple entitlement.</p> <p>You can specify an activation ID using <b>createEntitlementLineItem</b>.</p> <p><b>EXAMPLE</b></p> <pre>&lt;urn:lineItems&gt;   &lt;urn:activationId&gt;     &lt;!--Optional:--&gt;     &lt;!--type: string--&gt;     &lt;urn:id&gt;quae divum incedo&lt;/urn:id&gt;     &lt;!--Optional:--&gt;     &lt;!--type: boolean--&gt;     &lt;urn:autoGenerate&gt;true&lt;/urn:autoGenerate&gt;   &lt;/urn:activationId&gt;</pre> <p>In this example, <b>autoGenerate</b> is <b>true</b> or <b>false</b>. If you specify <b>false</b>, it means you need to pass the ID value of the activation ID (which is the custom activation ID).</p> <p>An activation ID must meet the following requirements:</p> <ul style="list-style-type: none"><li>• Maximum 255 characters</li><li>• Must not be empty</li><li>• Must be unique</li><li>• Invalid characters are:  , " &amp; % ^ ( ) # @ ! ~ / &lt; &gt; ` } { =   .</li></ul>

## Methods

Name	Description
<a href="#">createSimpleEntitlement</a>	<p>The <b>createSimpleEntitlement</b> operation creates one or more simple entitlements. To use the Entitlement Order service to create an entitlement:</p> <ul style="list-style-type: none"><li>• There must be deployed products and license models in the FlexNet Operations database.</li><li>• There must be accounts in the FlexNet Operations database.</li><li>• You must provide any entitlement-time data that are required by the specified license model.</li></ul> <p><b>Note:</b> Using the <i>createSimpleEntitlement</i> 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 <i>createSimpleEntitlement</i> operation to create an entitlement with no line items or with only maintenance items.</p> <p>You can specify an activation ID using <b>createSimpleEntitlement</b>.</p> <p><b>EXAMPLE</b></p> <pre>&lt;urn:lineItems&gt;   &lt;urn:activationId&gt;     &lt;!--Optional:--&gt;     &lt;!--type: string--&gt;     &lt;urn:id&gt;quae divum incedo&lt;/urn:id&gt;     &lt;!--Optional:--&gt;     &lt;!--type: boolean--&gt;     &lt;urn:autoGenerate&gt;true&lt;/urn:autoGenerate&gt;   &lt;/urn:activationId&gt;</pre> <p>In this example, <b>autoGenerate</b> is <b>true</b> or <b>false</b>. If you specify <b>false</b>, it means you need to pass the ID value of the activation ID (which is the custom activation ID).</p> <p>An activation ID must meet the following requirements:</p> <ul style="list-style-type: none"><li>• Maximum 255 characters</li><li>• Must not be empty</li><li>• Must be unique</li><li>• Invalid characters are:</li></ul> <p>, " &amp; % ^ ( ) # @ ! ~ / &lt; &gt; ` } { =   .</p>

## Methods

Name	Description
<a href="#">createWebRegKey</a>	<p>The <b>createWebRegKey</b> 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:</p> <p>There must be bulk entitlements in the FlexNet Operations database.</p> <p>If web register keys are going to be imported asynchronously, the <b>Importing Bulk Entitlement Web Register Keys</b> 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.</p> <p>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 <b>Importing Bulk Entitlement Web Register Keys</b> alert does not have to be configured to load web register keys synchronously.</p>
<a href="#">deleteEntitlement</a>	The <b>deleteEntitlement</b> operation deletes one or more entitlements.
<a href="#">deleteEntitlementLineItem</a>	The <b>deleteEntitlementLineItem</b> operation deletes one or more line items.
<a href="#">deleteMaintenanceLineItem</a>	The <b>deleteMaintenanceLineItem</b> 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
<a href="#">deleteWebRegKey</a>	The <b>deleteWebRegKey</b> 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.
<a href="#">emailActivatableItem</a>	<p>The <b>emailActivatableItem</b> 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:</p> <ul style="list-style-type: none"> <li>• Configure the from-address for the entitlement email. See the <i>FlexNet Operations Installation Guide</i>.</li> <li>• Customize the entitlement email template and entitlement certificate template, if necessary. See the <i>FlexNet Operations Producer Portal Help Guide</i>.</li> <li>• An activation ID for an activatable item must exist in the database.</li> <li>• At least one email address must be provided.</li> </ul> <p>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.</p>



## Methods

Name	Description
<a href="#">emailEntitlement</a>	<p>The <b>emailEntitlement</b> operation sends an entitlement certificate via email. To send an entitlement certificate as an email attachment using the Entitlement Order service:</p> <ul style="list-style-type: none"><li>• Configure the from-address for the entitlement email. See the <i>FlexNet Operations Installation Guide</i>.</li><li>• Customize the entitlement email template and entitlement certificate template, if necessary. See the <i>FlexNet Operations Producer Portal Help Guide</i>.</li><li>• An ID for an entitlement must exist in the database.</li><li>• At least one email address must be provided.</li></ul> <p>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.</p>
<a href="#">getActivatableItemCount</a>	The <b>getActivatableItemCount</b> operation returns the number of activatable line items that match specified criteria.
<a href="#">getActivatableItemsQuery</a>	The <b>getActivatableItemsQuery</b> operation returns the activatable line items that match specified criteria. <b>Note:</b> <i>This operation does not return maintenance line items.</i>
<a href="#">getBulkEntitlementCount</a>	The <b>getBulkEntitlementCount</b> operation returns the number of bulk entitlements that match specified criteria.
<a href="#">getBulkEntitlementPropertiesQuery</a>	The <b>getBulkEntitlementPropertiesQuery</b> operation returns the bulk entitlement details that match specified criteria.
<a href="#">getEntitlementAttributesFromModel</a>	The <b>getEntitlementAttributesFromModel</b> operation returns all the license model attributes for the specified model that must be specified at the time the entitlement is created.
<a href="#">getEntitlementCount</a>	The <b>getEntitlementCount</b> operation returns the number of entitlements that match specified criteria.

## Methods

Name	Description
<a href="#">getEntitlementLineItemPropertiesQuery</a>	<p>The <b>getEntitlementLineItemPropertiesQuery</b> operation returns all entitlement line items and web register keys based on the provided search criteria, including draft entries.</p> <p>This operation works similarly to the operation <b>getActivatableItemsQuery</b>. However, the response from <b>getEntitlementLineItemPropertiesQuery</b> is highly configurable. You can use it to select only the data you need in a given response.</p> <p><b>Note:</b> 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.</p> <p>Use caution when crafting queries that may return excessive numbers of responses. The following error, <i>ORA-01795: maximum number of expressions in a list is 1000</i>, has been seen when performing searches via FlexNet Operations landing pages or web service queries when:</p> <ol style="list-style-type: none"> <li>1. FlexNet Operations is connected to an Oracle database</li> <li>2. Certain types of searches in the UI or web services return &gt; 1000 items, for example, the entitlements or line item landing pages and <b>getEntitlementsQuery</b> or <b>getEntitlementLineItemPropertiesQuery</b>.</li> </ol> <p>If the error is seen in the FlexNet Operations UI, consider setting the <i>Entitlement Records per Page</i> and <i>Line Items Page Size per Entitlement</i> 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.</p>
<a href="#">getEntitlementMaintenanceLineItemPropertiesQuery</a>	<p>The <b>getEntitlementMaintenanceLineItemPropertiesQuery</b> operation returns matching maintenance lines that satisfy the search query.</p>
<a href="#">getEntitlementsQuery</a>	<p>The <b>getEntitlementsQuery</b> operation returns the entitlements that match specified criteria. The response data is sorted by the most recent line item.</p> <p><b>Tip:</b> For more optimal memory usage, consider using <b>getActivatableItemsQuery</b> instead of <b>getEntitlementsQuery</b> to retrieve policy information for a particular line item. <b>getActivatableItemsQuery</b> loads only the information for the specified activation while <b>getEntitlementsQuery</b> loads information for all the activations for a given <b>EntitlementID</b>. See <b>getActivatableItemsQuery</b>.</p>
<a href="#">getExactAvailableCount</a>	<p>The <b>getExactAvailableCount</b> 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.</p> <p>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 <b>getExactAvailableCount</b>, which returns exact number of copies available for an upgrade fulfillment, for example, without having to return any previous fulfillments.</p>

## Methods

Name	Description
<a href="#">getMatchingBulkEnts</a>	<p>The <b>getMatchingBulkEnts</b> operation returns bulk entitlements suitable to receive the web register keys from a <b>splitBulkEntitlement</b> operation. The <b>getMatchingBulkEnts</b> 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.</p> <p>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:</p> <ul style="list-style-type: none"><li>• Orderable</li><li>• License model</li><li>• License term (permanent, expiration date, duration)</li><li>• Version date details (options, date, duration)</li><li>• Line item state</li><li>• License model policies</li><li>• License model attributes</li></ul>
<a href="#">getMatchingLineItems</a>	<p>The <b>getMatchingLineItems</b> operation returns line items suitable to receive the count from a <b>splitLineItem</b> operation. The <b>getMatchingLineItems</b> 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.</p> <p>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:</p> <ul style="list-style-type: none"><li>• Orderable</li><li>• License model</li><li>• License term (permanent, expiration date, duration)</li><li>• Version date details (options, date, duration)</li><li>• Line item state</li><li>• License model policies</li><li>• License model attributes</li></ul> <p><b>Note:</b> 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.</p>
<a href="#">getStateChangeHistory</a>	<p>The <b>getStateChangeHistory</b> operation gets the state change history of one or more features, feature bundles, products, license models, or entitlements.</p>

## Methods

Name	Description
<a href="#">getWebRegKeyCount</a>	The <b>getWebRegKeyCount</b> operation returns the number of web register keys associated with a specified bulk entitlement.
<a href="#">getWebRegKeysQuery</a>	The <b>getWebRegKeysQuery</b> operation returns the part numbers that match specified criteria.
<a href="#">linkMaintenanceLineItem</a>	The <b>linkMaintenanceLineItem</b> 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.
<a href="#">mapEntitlementsToUser</a>	The <b>mapEntitlementsToUser</b> 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.
<a href="#">mergeEntitlements</a>	The <b>mergeEntitlements</b> operation merges assets of one account with those of another account. The following types of assets can be merged: <ul style="list-style-type: none"> <li>Entitlements and fulfillments—The state of the transferred entitlements and fulfillments are preserved during the merge.</li> <li>Users</li> </ul>
<a href="#">renewLicense</a>	The <b>renewLicense</b> operation renews one or more entitlement line items.
<a href="#">replaceEntitlementLineItem</a>	The <b>replaceEntitlementLineItem</b> operation replaces one or more entitlement line items.
<a href="#">setEntitlementState</a>	The <b>setEntitlementState</b> operation sets the state of one or more entitlements.
<a href="#">setLineItemState</a>	The <b>setLineItemState</b> operation sets the state of one or more entitlement line items.
<a href="#">setMaintenanceLineItemState</a>	The <b>setMaintenanceLineItemState</b> operation sets the state of a maintenance line item.
<a href="#">splitBulkEntitlement</a>	<p>The <b>splitBulkEntitlement</b> 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 transferred to:</p> <ul style="list-style-type: none"> <li>A compatible existing bulk entitlement (transfers the web register keys to that bulk entitlement).</li> <li>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).</li> <li>A new bulk entitlement.</li> </ul> <p>Only publisher users, or channel partner users with sufficient privileges in the account that is the current owner, can perform a splitBulkEntitlement operation.  <b>Note:</b> You cannot control the specific web register keys that splitBulkEntitlement transfers.</p>

## Methods

Name	Description
<a href="#">splitLineItem</a>	<p>The <b>splitLineItem</b> 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 <b>splitLineItem</b> operation.</p> <p><b>Note:</b> 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.</p>
<a href="#">transferEntitlement</a>	<p>The <b>transferEntitlement</b> 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.</p>
<a href="#">transferLineItem</a>	<p>The <b>transferLineItems</b> 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.</p>
<a href="#">unlinkMaintenanceLineItem</a>	<p>The <b>unlinkMaintenanceLineItem</b> operation removes the link between a maintenance line item and a licensed product line item.</p>
<a href="#">updateBulkEntitlement</a>	<p>The <b>updateBulkEntitlement</b> operation modifies one or more bulk entitlements.</p>
<a href="#">updateEntitlementLineItem</a>	<p>The <b>updateEntitlementLineItem</b> updates one or more entitlement line items.</p>
<a href="#">updateSimpleEntitlement</a>	<p>The <b>updateSimpleEntitlement</b> operation modifies one or more simple entitlements.</p>
<a href="#">upgradeLicense</a>	<p>The <b>upgradeLicense</b> operation upgrades one or more entitlement line items.</p>
<a href="#">upsellLicense</a>	<p>The <b>upsellLicense</b> operation upsells one or more entitlement line items. See <a href="#">upgradeLicense</a>.</p>

## 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	<a href="#">createBulkEntitlementRequestType</a>	Input	

### Returns

A [createBulkEntitlementResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedBulkEntitlementDataListType</a>	Information about the entitlements that were not added is listed in the <b>failedData</b> element. See <a href="#">failedBulkEntitlementDataListType</a> .									
responseData	<a href="#">createdBulkEntitlementDataListType</a>	Information about the entitlements that were added is listed in the <b>responseData</b> element. See <a href="#">createdBulkEntitlementDataListType</a> .									

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	<a href="#">addOnlyEntitlementLineItemRequestType</a>	Input	

Returns

A [createEntitlementLineItemResponse](#) element having the structure defined by the following table.

## Returns

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table> <tr> <th>Element</th><th>Data Type</th><th>Description</th></tr> <tr> <td><b>status</b></td><td>StatusType</td><td> <p>Returns one of the following:</p> <ul style="list-style-type: none"> <li>SUCCESS—All items in the request were processed.</li> <li>PARTIAL_FAILURE—Some, but not all items in the request were processed.</li> <li>FAILURE—None of the items in the request were processed.</li> </ul> <p>If the <b>opType</b> is <b>CREATE_OR_IGNORE</b>, 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.</p> <p>If the <b>opType</b> is <b>CREATE_OR_UPDATE</b>, then the operation updates the line item if present, otherwise creates it.  <b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</p> </td></tr> <tr> <td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr> </table>	Element	Data Type	Description	<b>status</b>	StatusType	<p>Returns one of the following:</p> <ul style="list-style-type: none"> <li>SUCCESS—All items in the request were processed.</li> <li>PARTIAL_FAILURE—Some, but not all items in the request were processed.</li> <li>FAILURE—None of the items in the request were processed.</li> </ul> <p>If the <b>opType</b> is <b>CREATE_OR_IGNORE</b>, 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.</p> <p>If the <b>opType</b> is <b>CREATE_OR_UPDATE</b>, then the operation updates the line item if present, otherwise creates it.  <b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</p>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	<p>Returns one of the following:</p> <ul style="list-style-type: none"> <li>SUCCESS—All items in the request were processed.</li> <li>PARTIAL_FAILURE—Some, but not all items in the request were processed.</li> <li>FAILURE—None of the items in the request were processed.</li> </ul> <p>If the <b>opType</b> is <b>CREATE_OR_IGNORE</b>, 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.</p> <p>If the <b>opType</b> is <b>CREATE_OR_UPDATE</b>, then the operation updates the line item if present, otherwise creates it.  <b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</p>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedAddEntitlementLineItemDataListType</a>	See failedAddEntitlementLineItemDataListType.									
responseData	<a href="#">addedEntitlementLineItemDataListType</a>	See addedEntitlementLineItemDataListType.									



## 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	<a href="#">createSimpleEntitlementRequestType</a>	Input	

Returns

A [createSimpleEntitlementResponse](#) element having the structure defined by the following table.

## Returns

Name	Type	Description						
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul><p>When the <b>opType</b> is either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b>, the Entitlement response and the Line Item response together result in the final response.</p><ul style="list-style-type: none"><li>Both the Entitlement response and the Line Item response must be a success for the final result to be a success.</li><li>If one is a success and the other is a failure, the final result is a failure.</li><li>If one is a partial failure and one is a failure, the final result is a failure.</li></ul><p><b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</p></td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul> <p>When the <b>opType</b> is either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b>, the Entitlement response and the Line Item response together result in the final response.</p> <ul style="list-style-type: none"><li>Both the Entitlement response and the Line Item response must be a success for the final result to be a success.</li><li>If one is a success and the other is a failure, the final result is a failure.</li><li>If one is a partial failure and one is a failure, the final result is a failure.</li></ul> <p><b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</p>
Element	Data Type	Description						
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul> <p>When the <b>opType</b> is either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b>, the Entitlement response and the Line Item response together result in the final response.</p> <ul style="list-style-type: none"><li>Both the Entitlement response and the Line Item response must be a success for the final result to be a success.</li><li>If one is a success and the other is a failure, the final result is a failure.</li><li>If one is a partial failure and one is a failure, the final result is a failure.</li></ul> <p><b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</p>						

## Returns

Name	Type	Description						
		<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description						
<b>reason</b>	string	Gives reason for partial failure or failure.						
failedData	<a href="#">failedSimpleEntitlementDataListType</a>	Information about the entitlements that were not added is listed in the <b>failedData</b> element. See <a href="#">failedSimpleEntitlementDataListType</a> .						
responseData	<a href="#">createdSimpleEntitlementDataListType</a>	Information about the entitlements that were added is listed in the <b>responseData</b> element. See <a href="#">createdSimpleEntitlementDataListType</a> .						

## 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	<a href="#">addWebRegKeyRequestType</a>	Input	

### Returns

A [addWebRegKeyResponse](#) element having the structure defined by the following table.

## Returns

Name	Type	Description		
statusInfo	<a href="#">StatusInfoType</a>			
		Element	Data Type	Description
		status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>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.</li></ul>
reason	string	Gives reason for partial failure or failure.		

## Returns

Name	Type	Description
responseData	<a href="#">webRegKeyDataListType</a>	Information about the web register keys that were added is listed in the <b>responseData</b> element. See <a href="#">webRegKeyDataListType</a> . Not populated for asynchronous requests or for requests in which the web register keys are not autogenerated.
failedData	<a href="#">failedAddWebRegKeyDataListType</a>	Information about the web register keys that were not added is listed in the <b>failedData</b> element. See <a href="#">failedAddWebRegKeyDataListType</a> . 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	<a href="#">deleteEntitlementRequestType</a>	Input	

### Returns

A [deleteEntitlementResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedDeleteEntitlementDataListType</a>	Information about the entitlements that were not deleted is listed in the failedData element. See <a href="#">failedDeleteEntitlementDataListType</a> .									



## Method: deleteEntitlementLineItem

### Description

The **deleteEntitlementLineItem** operation deletes one or more line items.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">removeEntitlementLineItemRequestType</a>	Input	

### Returns

A [removeEntitlementLineItemResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedRemoveEntitlementLineItemDataListType</a>	Information about the entitlements that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedRemoveEntitlementLineItemDataListType</a> .									

## 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	<a href="#">deleteMaintenanceLineItemRequestType</a>	Input	

### Returns

A [deleteMaintenanceLineItemResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedDeleteMaintenanceLineItemDataListType</a>	Information about the maintenance line items that were not deleted is listed in the failedData element. See <a href="#">failedDeleteMaintenanceLineItemDataListType</a> .									

## 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	<a href="#">deleteWebRegKeyRequestType</a>	Input	

### Returns

A [deleteWebRegKeyResponse](#) element having the structure defined by the following table.

## Returns

Name	Type	Description		
statusInfo	<a href="#">StatusInfoType</a>			
		Element	Data Type	Description
		status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>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.</li></ul>
reason	string	Gives reason for partial failure or failure.		

## Returns

Name	Type	Description
failedData	<a href="#">failedDeleteWebRegKeyListType</a>	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	<a href="#">emailActivatableItemRequestType</a>	Input	

### Returns

A [emailActivatableItemResponse](#) element having the structure defined by the following table.

Returns

Name	Type	Description						
statusInfo	<a href="#">StatusInfoType</a>							
		<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>
		Element	Data Type	Description				
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>						
reason	string	Gives reason for partial failure or failure.						

## 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	<a href="#">emailEntitlementRequestType</a>	Input	

### Returns

A [emailEntitlementResponse](#) element having the structure defined by the following table.



Returns

Name	Type	Description						
statusInfo	<a href="#">StatusInfoType</a>							
		<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>
		Element	Data Type	Description				
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>						
reason	string	Gives reason for partial failure or failure.						

## Method: getActivatableItemCount

### Description

The **getActivatableItemCount** operation returns the number of activatable line items that match specified criteria.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getActivatableItemCountRequest Type</a>	Input	

### Returns

A [getActivatableItemCountResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
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	<a href="#">searchActivatableItemRequestType</a>	Input	

### Returns

A [searchActivatableItemResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
activatableItem	<a href="#">activatableItemDetailType</a>	See activatableItemDetailType.									

## Method: getBulkEntitlementCount

### Description

The **getBulkEntitlementCount** operation returns the number of bulk entitlements that match specified criteria.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getBulkEntitlementCountRequest Type</a>	Input	

### Returns

A [getBulkEntitlementCountResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
count	integer	Number of bulk entitlements matching the specified criteria.									

## Method: **getBulkEntitlementPropertiesQuery**

### Description

The **getBulkEntitlementPropertiesQuery** operation returns the bulk entitlement details that match specified criteria.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getBulkEntitlementPropertiesRequestType</a>	Input	

### Returns

A [getBulkEntitlementPropertiesResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
bulkEntitlement	<a href="#">bulkEntitlementPropertiesType</a>	See bulkEntitlementPropertiesType.									

## 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	<a href="#">getEntitlementAttributesRequestType</a>	Input	

### Returns

A [getEntitlementAttributesResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
entitlementAttributes	<a href="#">attributeMetaDescriptorDataType</a>	A list of license model attributes that are set at entitlement time are contained in the <b>entitlementAttributes</b> element. See <a href="#">attributeMetaDescriptorDataType</a> .									
policyAttributes	<a href="#">policyAttributesDataType</a>	A list of policy attributes that are set at entitlement time are contained in the <a href="#">policyAttributes</a> element. See <a href="#">policyAttributesDataType</a> .									
needTimeZone	boolean	True if the license model includes the TZ keyword and allows it to be set at entitlement time; otherwise, false.									

## Method: getEntitlementCount

### Description

The **getEntitlementCount** operation returns the number of entitlements that match specified criteria.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getEntitlementCountRequestType</a>	Input	

### Returns

A [getEntitlementCountResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
count	integer	Number of entitlements matching the specified criteria.									

## 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 been 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	<a href="#">searchEntitlementLineItemPropertiesRequestType</a>	Input	

### Returns

A [searchEntitlementLineItemPropertiesResponse](#) element having the structure defined by the following table.



Returns

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
entitlementLineItem	<a href="#">entitlementLineItemPropertiesType</a>	See entitlementLineItemPropertiesType.									

## Method: getEntitlementMaintenanceLineItemPropertiesQuery

### Description

The **getEntitlementMaintenanceLineItemPropertiesQuery** operation returns matching maintenance lines that satisfy the search query.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">searchEntitlementMaintenanceLineItemPropertiesRequestType</a>	Input	

### Returns

A [searchEntitlementMaintenanceLineItemPropertiesResponse](#) element having the structure defined by the following table.

Name	Type	Description											
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li></ul>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.  FAILURE—None of the items in the request were processed.</td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>			Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li></ul> PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.  FAILURE—None of the items in the request were processed.	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description											
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li></ul> PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.  FAILURE—None of the items in the request were processed.											
<b>reason</b>	string	Gives reason for partial failure or failure.											
entitlementMaintenanceLineItem	<a href="#">entitlementMaintenanceLineItemPropertiesType</a>	See entitlementMaintenanceLineItemPropertiesType.											

## 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 all the activations for a given **EntitlementID**. See **getActivatableItemsQuery**.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">searchEntitlementRequestType</a>	Input	

### Returns

A [searchEntitlementResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
entitlement	<a href="#">entitlementDataType</a>	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	<a href="#">getExactAvailableCountRequestType</a>	Input	

### Returns

A [getExactAvailableCountResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
count	integer	The exact available count for the line item requested.									

## 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	<a href="#">getMatchingBulkEntsRequestType</a>	Input	

### Returns

A [getMatchingBulkEntsResponse](#) element having the structure defined by the following table.

## Returns

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getMatchingBulkEntsResponseListType</a>	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.									
failedData	<a href="#">failedMatchingBulkEntsListType</a>	Information about the bulk entitlement that could not be matched to bulk entitlements in the target account is in the failedData element. See failedMatchingBulkEntsListType.									

## 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	<a href="#">getMatchingLineItemsRequestType</a>	Input	

### Returns

A [getMatchingLineItemsResponse](#) element having the structure defined by the following table.

## Returns

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getMatchingLineItemsResponseListType</a>	Information about entitlement line items in the target account that match the line item you plan to split is listed in the <b>responseData</b> element. See <a href="#">getMatchingLineItemsResponseListType</a> .									
failedData	<a href="#">failedMatchingLineItemsListType</a>	Information about the entitlement line item that could not be matched to line items in the target account is in the <b>failedData</b> element. See <a href="#">Table failedMatchingLineItemsListType</a> .									



## 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	<a href="#">getStateChangeHistoryRequestType</a>	Input	

### Returns

A [getStateChangeHistoryResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">stateChangeResponseType</a>	See stateChangeResponseType.									

## 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	<a href="#">getWebRegKeyCountRequestType</a>	Input	

### Returns

A [getWebRegKeyCountResponse](#) element having the structure defined by the following table.

## Returns

Name	Type	Description		
statusInfo	<a href="#">StatusInfoType</a>			
		Element	Data Type	Description
		status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>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.</li></ul>
reason	string	Gives reason for partial failure or failure.		

## Returns

Name	Type	Description
responseData	<a href="#">webRegKeyCountDataType</a>	See webRegKeyCountDataType.

## Method: **getWebRegKeysQuery**

### Description

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

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getWebRegKeysQueryRequestType</a>	Input	

### Returns

A [getWebRegKeysQueryResponse](#) element having the structure defined by the following table.

## Returns

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>										
		<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td rowspan="2">status</td><td rowspan="2">StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>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.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>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.</li></ul>	reason	string	Gives reason for partial failure or failure.
		Element	Data Type	Description							
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>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.</li></ul>									
		reason	string	Gives reason for partial failure or failure.							

## Returns

Name	Type	Description
responseData	<a href="#">webRegKeysDataListType</a>	See webRegKeysDataListType.

## Method: linkMaintenanceLinItem

### Description

The **linkMaintenanceLinItem** 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	<a href="#">linkMaintenanceLinItemRequest Type</a>	Input	

### Returns

A [linkMaintenanceLinItemResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedLinkMaintenanceLinItemListItemType</a>	See failedLinkMaintenanceLinItemListItemType.									



## 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	<a href="#">mapEntitlementsToUserRequestType</a>	Input	

### Returns

A [mapEntitlementsToUserResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedMapEntitlementsToUserDataListType</a>	Information about the IDs that were not mapped to the user is listed in the failedData element. See <a href="#">failedMapEntitlementsToUserDataListType</a> .									

## 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	<a href="#">mergeEntitlementsRequestType</a>	Input	

### Returns

A [mergeEntitlementsResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>										
		<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td rowspan="2">status</td><td rowspan="2">StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
		Element	Data Type	Description							
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
		reason	string	Gives reason for partial failure or failure.							

## Method: renewLicense

### Description

The **renewLicense** operation renews one or more entitlement line items.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">renewEntitlementRequestType</a>	Input	

### Returns

A [renewLicenseResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedRenewEntitlementDataListType</a>	Information about the entitlements that were not renewed is listed in the failedData element. See failedRenewEntitlementDataListType.									
responseData	<a href="#">createdRenewEntitlementDataListType</a>	Information about the entitlements that were renewed is listed in the responseData element. See createdRenewEntitlementDataListType.									

## Method: replaceEntitlementLineItem

### Description

The **replaceEntitlementLineItem** operation replaces one or more entitlement line items.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">replaceOnlyEntitlementLineItemRequestType</a>	Input	

### Returns

A [replaceEntitlementLineItemResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedAddEntitlementLineItemDataListType</a>	See failedAddEntitlementLineItemDataListType.									
responseData	<a href="#">addedEntitlementLineItemDataListType</a>	See addedEntitlementLineItemDataListType.									

## Method: setEntitlementState

### Description

The **setEntitlementState** operation sets the state of one or more entitlements.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">setEntitlementStateRequestType</a>	Input	

### Returns

A [setEntitlementStateResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedEntitlementStateDataListType</a>	Information about the entitlements whose state was not set is listed in the failedData element. See <a href="#">failedEntitlementStateDataListType</a> .									

## Method: setLineItemState

### Description

The **setLineItemState** operation sets the state of one or more entitlement line items.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">setLineItemStateRequestType</a>	Input	

### Returns

A [setLineItemStateResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedLineItemStateDataListType</a>	Information about the line items whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedLineItemStateDataListType</a> .									

## Method: setMaintenanceLineItemState

### Description

The **setMaintenanceLineItemState** operation sets the state of a maintenance line item.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">setMaintenanceLineItemStateRequestType</a>	Input	

### Returns

A [setMaintenanceLineItemStateResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	<a href="#">StatusInfoType</a>	Element	Data Type	Description
		status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>
		reason	string	Gives the reason for the failure.
failedMaintenanceData	<a href="#">failedMaintenanceLineItemStateDataListType</a>	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 transferred 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	<a href="#">splitBulkEntitlementRequestType</a>	Input	

### Returns

A [splitBulkEntitlementResponse](#) element having the structure defined by the following table.



## Returns

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">splitBulkEntitlementResponseListType</a>	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.									
failedData	<a href="#">failedSplitBulkEntitlementListType</a>	Information about an entitlement line item that was not split is listed in the failedData element. See failedSplitBulkEntitlementListType.									

## 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	<a href="#">splitLineItemRequestType</a>	Input	

### Returns

A [splitLineItemResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">splitLineItemResponseListType</a>	Information about the entitlement line item that was split, and optionally the entitlement to which the split counts went, is listed in the <b>responseData</b> element. See <a href="#">splitLineItemResponseListType</a> .									

## Returns

Name	Type	Description
failedData	<a href="#">failedSplitLineItemType</a>	Information about an entitlement line item that was not split is listed in the <b>failedData</b> element. See <a href="#">failedSplitLineItemType</a> .

## 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	<a href="#">transferEntitlementsRequestType</a>	Input	

### Returns

A [transferEntitlementsResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">transferredEntitlementsListType</a>	Information about the entitlements that were transferred is listed in the responseData element. See transferredEntitlementsListType.									
failedData	<a href="#">failedTransferEntitlementListType</a>	Information about the entitlements that were not added is listed in the failedData element. See failedTransferEntitlementListType.									

## Method: transferLinItem

### Description

The **transferLinItems** 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	<a href="#">transferLinItemsRequestType</a>	Input	

### Returns

A [transferLinItemsResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">transferredLinItemsListType</a>	Information about the entitlements that were transferred is listed in the responseData element. See transferredLinItemsListType.									
failedData	<a href="#">failedTransferLinItemListType</a>	Information about the entitlements that were not added is listed in the failedData element. See failedTransferLinItemListType.									

## 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	<a href="#">unlinkMaintenanceLineItemRequestType</a>	Input	

### Returns

A [unlinkMaintenanceLineItemResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUnlinkMaintenanceLineItemListType</a>	See failedUnlinkMaintenanceLineItemListType.									

## Method: updateBulkEntitlement

### Description

The **updateBulkEntitlement** operation modifies one or more bulk entitlements.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateBulkEntitlementRequestType</a>	Input	

### Returns

A [updateBulkEntitlementResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateBulkEntitlementDataListType</a>	Information about the entitlements that were not updated is listed in the failedData element. See <a href="#">failedUpdateBulkEntitlementDataListType</a> .									

## Method: updateEntitlementLineItem

### Description

The **updateEntitlementLineItem** updates one or more entitlement line items.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateEntitlementLineItemRequestType</a>	Input	

### Returns

A [updateEntitlementLineItemResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateEntitlementLineItemDataListType</a>	Information about the line items that were not updated is listed in the <b>failedData</b> element. See <a href="#">failedUpdateEntitlementLineItemDataListType</a> .									



## Method: updateSimpleEntitlement

### Description

The **updateSimpleEntitlement** operation modifies one or more simple entitlements.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateSimpleEntitlementRequest Type</a>	Input	

### Returns

A [updateSimpleEntitlementResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateSimpleEntitlementDataListType</a>	Information about the entitlements that were not updated is listed in the <b>failedData</b> element. See <a href="#">failedUpdateSimpleEntitlementDataListType</a> .									

## Method: upgradeLicense

### Description

The **upgradeLicense** operation upgrades one or more entitlement line items.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">EntitlementLifeCycleRequestType</a>	Input	

### Returns

A [upgradeLicenseResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedEntitlementLifeCycleDataListType</a>	Information about the entitlements that were not upgraded is listed in the <b>failedData</b> element. See <a href="#">failedEntitlementLifeCycleDataListType</a> .									
responseData	<a href="#">createdEntitlementLifeCycleDataListType</a>	Information about the entitlements that were upgraded is listed in the <b>responseData</b> element. See <a href="#">createdEntitlementLifeCycleDataListType</a> .									

## Method: upsellLicense

### Description

The **upsellLicense** operation upsells one or more entitlement line items. See upgradeLicense.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">EntitlementLifeCycleRequestType</a>	Input	

### Returns

A [upsellLicenseResponse](#) element having the structure defined by the following table.

Name	Type	Description									
statusInfo	<a href="#">StatusInfoType</a>	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedEntitlementLifeCycleDataListType</a>	Information about the entitlements that were not upgraded is listed in the <b>failedData</b> element. See failedEntitlementLifeCycleDataListType.									
responseData	<a href="#">createdEntitlementLifeCycleDataListType</a>	Information about the entitlements that were upgraded is listed in the <b>responseData</b> element. See createdEntitlementLifeCycleDataListType.									

# Complex Types: EntitlementOrderServiceV5

## Complex Types

Name
<a href="#">accountIdentifierType</a>
<a href="#">accountPKType</a>
<a href="#">AcctTypeList</a>
<a href="#">acpiGenerationIdLicensePolicyDataType</a>
<a href="#">activatableItemDetailType</a>
<a href="#">activatableItemsSortBy</a>
<a href="#">activatableItemsSortByS</a>
<a href="#">addedEntitlementLineItemDataListType</a>
<a href="#">addedEntitlementLineItemDataType</a>
<a href="#">addEntitlementLineItemDataType</a>
<a href="#">addOnlyEntitlementLineItemRequestType</a>
<a href="#">addOnlyEntitlementLineItemResponseType</a>
<a href="#">addressDataType</a>
<a href="#">addWebRegKeyDataType</a>
<a href="#">addWebRegKeyRequestType</a>
<a href="#">addWebRegKeyResponseType</a>
<a href="#">advancedReinstallPolicyType</a>
<a href="#">attributeDescriptorDataType</a>
<a href="#">attributeDescriptorType</a>
<a href="#">attributeMetaDescriptorDataType</a>
<a href="#">attributeMetaDescriptorType</a>
<a href="#">bulkEntitlementDataType</a>
<a href="#">bulkEntitlementPropertiesType</a>
<a href="#">bulkEntitlementResponseConfigRequestType</a>
<a href="#">cancelLicensePolicyDataType</a>
<a href="#">channelPartnerDataListType</a>
<a href="#">channelPartnerDataType</a>
<a href="#">correlationDataType</a>
<a href="#">createBulkEntitlementDataType</a>
<a href="#">createBulkEntitlementRequestType</a>
<a href="#">createBulkEntitlementResponseType</a>
<a href="#">createdBulkEntitlementDataListType</a>
<a href="#">createdBulkEntitlementDataType</a>
<a href="#">createdEntitlementLifeCycleDataListType</a>

## Complex Types

Name
<a href="#"><u>createdEntitlementLifeCycleDataType</u></a>
<a href="#"><u>createdRenewEntitlementDataListType</u></a>
<a href="#"><u>createdRenewEntitlementDataType</u></a>
<a href="#"><u>createdSimpleEntitlementDataListType</u></a>
<a href="#"><u>createdSimpleEntitlementDataType</u></a>
<a href="#"><u>createEntitlementLineItemDataType</u></a>
<a href="#"><u>createMaintenanceLineItemDataType</u></a>
<a href="#"><u>createSimpleEntitlementDataType</u></a>
<a href="#"><u>createSimpleEntitlementRequestType</u></a>
<a href="#"><u>createSimpleEntitlementResponseType</u></a>
<a href="#"><u>customAttributeQueryType</u></a>
<a href="#"><u>customAttributesQueryListType</u></a>
<a href="#"><u>DateTimeQueryType</u></a>
<a href="#"><u>deleteEntitlementDataType</u></a>
<a href="#"><u>deleteEntitlementRequestType</u></a>
<a href="#"><u>deleteEntitlementResponseType</u></a>
<a href="#"><u>deleteMaintenanceLineItemDataType</u></a>
<a href="#"><u>deleteMaintenanceLineItemRequestType</u></a>
<a href="#"><u>deleteMaintenanceLineItemResponseType</u></a>
<a href="#"><u>deleteWebRegKeyRequestType</u></a>
<a href="#"><u>deleteWebRegKeyResponseType</u></a>
<a href="#"><u>DurationType</u></a>
<a href="#"><u>emailActivatableItemRequestType</u></a>
<a href="#"><u>emailActivatableItemResponseType</u></a>
<a href="#"><u>emailContactListType</u></a>
<a href="#"><u>emailEntitlementRequestType</u></a>
<a href="#"><u>emailEntitlementResponseType</u></a>
<a href="#"><u>entCustomAttributeQueryType</u></a>
<a href="#"><u>entCustomAttributesQueryListType</u></a>
<a href="#"><u>entitledProductDataListType</u></a>
<a href="#"><u>entitledProductDataType</u></a>
<a href="#"><u>entitlementDataType</u></a>
<a href="#"><u>entitlementIdentifierType</u></a>
<a href="#"><u>entitlementLifeCycleDataType</u></a>
<a href="#"><u>EntitlementLifeCycleRequestType</u></a>

## Complex Types

Name
<a href="#">EntitlementLifeCycleResponseType</a>
<a href="#">entitlementLineItemDataType</a>
<a href="#">entitlementLineItemIdentifierType</a>
<a href="#">entitlementLineItemPKType</a>
<a href="#">entitlementLineItemPropertiesType</a>
<a href="#">entitlementLineItemResponseConfigRequestType</a>
<a href="#">entitlementListType</a>
<a href="#">entitlementMaintenanceLineItemPropertiesType</a>
<a href="#">entitlementMaintenanceLineItemResponseConfigRequestType</a>
<a href="#">entitlementPKType</a>
<a href="#">entitlementStateChangeDataType</a>
<a href="#">entitlementStateChangeListType</a>
<a href="#">entitlementStateDataType</a>
<a href="#">expirationTermsDataType</a>
<a href="#">extraActivationDataType</a>
<a href="#">failedAddEntitlementLineItemDataListType</a>
<a href="#">failedAddEntitlementLineItemDataType</a>
<a href="#">failedAddWebRegKeyDataListType</a>
<a href="#">failedAddWebRegKeyDataType</a>
<a href="#">failedBulkEntitlementDataListType</a>
<a href="#">failedBulkEntitlementDataType</a>
<a href="#">failedDeleteEntitlementDataListType</a>
<a href="#">failedDeleteEntitlementDataType</a>
<a href="#">failedDeleteMaintenanceLineItemDataListType</a>
<a href="#">failedDeleteMaintenanceLineItemDataType</a>
<a href="#">failedDeleteWebRegKeyDataType</a>
<a href="#">failedDeleteWebRegKeyListType</a>
<a href="#">failedEntitlementLifeCycleDataListType</a>
<a href="#">failedEntitlementLifeCycleDataType</a>
<a href="#">failedEntitlementStateDataListType</a>
<a href="#">failedEntitlementStateDataType</a>
<a href="#">failedIdDataType</a>
<a href="#">failedLineItemStateDataListType</a>
<a href="#">failedLineItemStateDataType</a>
<a href="#">failedLinkMaintenanceLineItemDataType</a>

## Complex Types

Name
<a href="#">failedLinkMaintenanceLineItemListType</a>
<a href="#">failedMaintenanceLineItemStateDataListType</a>
<a href="#">failedMaintenanceLineItemStateDataType</a>
<a href="#">failedMapEntitlementsToUserDataListType</a>
<a href="#">failedMatchingBulkEntDataType</a>
<a href="#">failedMatchingBulkEntsListType</a>
<a href="#">failedMatchingLineItemDataType</a>
<a href="#">failedMatchingLineItemsListType</a>
<a href="#">failedRemoveEntitlementLineItemDataListType</a>
<a href="#">failedRemoveEntitlementLineItemDataType</a>
<a href="#">failedRenewEntitlementDataListType</a>
<a href="#">failedRenewEntitlementDataType</a>
<a href="#">failedSimpleEntitlementDataListType</a>
<a href="#">failedSimpleEntitlementDataType</a>
<a href="#">failedSplitBulkEntitlementDataType</a>
<a href="#">failedSplitBulkEntitlementListType</a>
<a href="#">failedSplitLineItemDataType</a>
<a href="#">failedSplitLineItemListType</a>
<a href="#">failedTransferEntitlementDataType</a>
<a href="#">failedTransferEntitlementListType</a>
<a href="#">failedTransferLineItemDataType</a>
<a href="#">failedTransferLineItemListType</a>
<a href="#">failedUnlinkMaintenanceLineItemDataType</a>
<a href="#">failedUnlinkMaintenanceLineItemListType</a>
<a href="#">failedUpdateBulkEntitlementDataListType</a>
<a href="#">failedUpdateBulkEntitlementDataType</a>
<a href="#">failedUpdateEntitlementLineItemDataListType</a>
<a href="#">failedUpdateEntitlementLineItemDataType</a>
<a href="#">failedUpdateSimpleEntitlementDataListType</a>
<a href="#">failedUpdateSimpleEntitlementDataType</a>
<a href="#">featureBundleIdentifierType</a>
<a href="#">featureBundleListType</a>
<a href="#">featureBundlePKType</a>
<a href="#">featureBundleStateChangeDataType</a>
<a href="#">featureBundleStateChangeListType</a>

## Complex Types

Name
<a href="#">featureIdentifierType</a>
<a href="#">featureListType</a>
<a href="#">featurePKType</a>
<a href="#">featureStateChangeDataType</a>
<a href="#">featureStateChangeListType</a>
<a href="#">fulfillmentIdentifierType</a>
<a href="#">fulfillmentPKType</a>
<a href="#">getActivatableItemCountRequestType</a>
<a href="#">getActivatableItemCountResponseType</a>
<a href="#">getBulkEntitlementCountRequestType</a>
<a href="#">getBulkEntitlementCountResponseType</a>
<a href="#">getBulkEntitlementPropertiesRequestType</a>
<a href="#">getBulkEntitlementPropertiesResponseType</a>
<a href="#">getCountResponseDataType</a>
<a href="#">getEntitlementAttributesRequestType</a>
<a href="#">getEntitlementAttributesResponseType</a>
<a href="#">getEntitlementCountRequestType</a>
<a href="#">getEntitlementCountResponseType</a>
<a href="#">getExactAvailableCountRequestType</a>
<a href="#">getExactAvailableCountResponseType</a>
<a href="#">getMatchingBulkEntInfoType</a>
<a href="#">getMatchingBulkEntsListType</a>
<a href="#">getMatchingBulkEntsRequestType</a>
<a href="#">getMatchingBulkEntsResponseListType</a>
<a href="#">getMatchingBulkEntsResponseType</a>
<a href="#">getMatchingLineItemInfoType</a>
<a href="#">getMatchingLineItemsListType</a>
<a href="#">getMatchingLineItemsRequestType</a>
<a href="#">getMatchingLineItemsResponseListType</a>
<a href="#">getMatchingLineItemsResponseType</a>
<a href="#">getStateChangeHistoryRequestType</a>
<a href="#">getStateChangeHistoryResponseType</a>
<a href="#">getWebRegKeyCountRequestType</a>
<a href="#">getWebRegKeyCountResponseType</a>
<a href="#">getWebRegKeysQueryRequestType</a>



## Complex Types

Name
<a href="#">getWebRegKeysQueryResponseType</a>
<a href="#">hostTypePKType</a>
<a href="#">idListType</a>
<a href="#">idType</a>
<a href="#">licenseGeneratorIdentifierType</a>
<a href="#">licenseGeneratorPKType</a>
<a href="#">licenseModelIdentifierType</a>
<a href="#">licenseModelListType</a>
<a href="#">licenseModelPKType</a>
<a href="#">licenseModelStateChangeDataType</a>
<a href="#">licenseModelStateChangeListType</a>
<a href="#">licenseTechnologyIdentifierType</a>
<a href="#">licenseTechnologyPKType</a>
<a href="#">lifeCycleLinItemDataType</a>
<a href="#">linItemCustomAttributeQueryType</a>
<a href="#">linItemCustomAttributesQueryListType</a>
<a href="#">linItemLifeCycleDataType</a>
<a href="#">linItemStateDataType</a>
<a href="#">linkMaintenanceLinItemDataType</a>
<a href="#">linkMaintenanceLinItemListType</a>
<a href="#">linkMaintenanceLinItemRequestType</a>
<a href="#">linkMaintenanceLinItemResponseType</a>
<a href="#">maintenanceIdentifierType</a>
<a href="#">maintenanceLinItemDataType</a>
<a href="#">maintenanceLinItemPropertiesType</a>
<a href="#">maintenanceLinItemStateDataType</a>
<a href="#">maintenancePKType</a>
<a href="#">mapEntitlementsToUserRequestType</a>
<a href="#">mapEntitlementsToUserResponseType</a>
<a href="#">matchingBulkEntDataType</a>
<a href="#">matchingLinItemDataType</a>
<a href="#">mergeEntitlementsRequestType</a>
<a href="#">mergeEntitlementsResponseType</a>
<a href="#">newEntitlementLinItemDataType</a>
<a href="#">PartnerTierQueryType</a>

## Complex Types

Name
<a href="#">partNumberIdentifierType</a>
<a href="#">partNumberIdentifierWithModelType</a>
<a href="#">partNumberPKType</a>
<a href="#">policyAttributesDataType</a>
<a href="#">policyAttributesListType</a>
<a href="#">policyDataType</a>
<a href="#">policyTermType</a>
<a href="#">productCategoryDataType</a>
<a href="#">productIdentifierType</a>
<a href="#">productIdentifierWithCountDataType</a>
<a href="#">productListType</a>
<a href="#">productPKType</a>
<a href="#">productStateChangeDataType</a>
<a href="#">productStateChangeListType</a>
<a href="#">reinstallPolicyDataType</a>
<a href="#">removeEntitlementLineItemDataType</a>
<a href="#">removeEntitlementLineItemRequestType</a>
<a href="#">removeEntitlementLineItemResponseType</a>
<a href="#">renewedEntitlementLineItemDataType</a>
<a href="#">renewEntitlementDataType</a>
<a href="#">renewEntitlementRequestType</a>
<a href="#">renewEntitlementResponseType</a>
<a href="#">renewLineItemDataType</a>
<a href="#">renewParametersDataType</a>
<a href="#">replaceOnlyEntitlementLineItemRequestType</a>
<a href="#">replaceOnlyEntitlementLineItemResponseType</a>
<a href="#">roleIdentifierType</a>
<a href="#">rolePKType</a>
<a href="#">searchActivatableItemDataType</a>
<a href="#">searchActivatableItemRequestType</a>
<a href="#">searchActivatableItemResponseType</a>
<a href="#">searchBulkEntitlementDataType</a>
<a href="#">searchEntitlementDataType</a>
<a href="#">searchEntitlementLineItemPropertiesRequestType</a>
<a href="#">searchEntitlementLineItemPropertiesResponseType</a>

## Complex Types

Name
<a href="#">searchEntitlementMaintenanceLineItemPropertiesRequestType</a>
<a href="#">searchEntitlementMaintenanceLineItemPropertiesResponseType</a>
<a href="#">searchEntitlementRequestType</a>
<a href="#">searchEntitlementResponseType</a>
<a href="#">searchMaintenanceLineItemDataType</a>
<a href="#">setEntitlementStateRequestType</a>
<a href="#">setEntitlementStateResponseType</a>
<a href="#">setLineItemStateRequestType</a>
<a href="#">setLineItemStateResponseType</a>
<a href="#">setMaintenanceLineItemStateRequestType</a>
<a href="#">setMaintenanceLineItemStateResponseType</a>
<a href="#">simpleEntitlementDataType</a>
<a href="#">SimpleQueryType</a>
<a href="#">splitBulkEntitlementDataType</a>
<a href="#">splitBulkEntitlementInfoType</a>
<a href="#">splitBulkEntitlementListType</a>
<a href="#">splitBulkEntitlementRequestType</a>
<a href="#">splitBulkEntitlementResponseListType</a>
<a href="#">splitBulkEntitlementResponseType</a>
<a href="#">splitLineItemDataType</a>
<a href="#">splitLineItemInfoType</a>
<a href="#">splitLineItemListType</a>
<a href="#">splitLineItemRequestType</a>
<a href="#">splitLineItemResponseListType</a>
<a href="#">splitLineItemResponseType</a>
<a href="#">stateChangeDataType</a>
<a href="#">stateChangeResponseType</a>
<a href="#">StateQueryType</a>
<a href="#">StatusInfoType</a>
<a href="#">suiteIdentifierType</a>
<a href="#">suitePKType</a>
<a href="#">transferEntitlementInfoType</a>
<a href="#">transferEntitlementsListType</a>
<a href="#">transferEntitlementsRequestType</a>
<a href="#">transferEntitlementsResponseType</a>

## Complex Types

Name
<a href="#">transferLineItemInfoType</a>
<a href="#">transferLineItemsListType</a>
<a href="#">transferLineItemsRequestType</a>
<a href="#">transferLineItemsResponseType</a>
<a href="#">transferredEntitlementDataType</a>
<a href="#">transferredEntitlementsListType</a>
<a href="#">transferredLineItemDataType</a>
<a href="#">transferredLineItemMapType</a>
<a href="#">transferredLineItemsListType</a>
<a href="#">trustedKeyIdentifierType</a>
<a href="#">trustedKeyPKType</a>
<a href="#">unlinkMaintenanceLineItemDataType</a>
<a href="#">unlinkMaintenanceLineItemListType</a>
<a href="#">unlinkMaintenanceLineItemRequestType</a>
<a href="#">unlinkMaintenanceLineItemResponseType</a>
<a href="#">updateBulkEntitlementDataType</a>
<a href="#">updateBulkEntitlementRequestType</a>
<a href="#">updateBulkEntitlementResponseType</a>
<a href="#">updateEntitledProductDataListType</a>
<a href="#">updateEntitlementLineItemDataType</a>
<a href="#">updateEntitlementLineItemRequestType</a>
<a href="#">updateEntitlementLineItemResponseType</a>
<a href="#">updateLineItemDataType</a>
<a href="#">updateMaintenanceLineItemDataType</a>
<a href="#">updateSimpleEntitlementDataType</a>
<a href="#">updateSimpleEntitlementRequestType</a>
<a href="#">updateSimpleEntitlementResponseType</a>
<a href="#">userIdentifierType</a>
<a href="#">userPKType</a>
<a href="#">valueType</a>
<a href="#">versionDateAttributesType</a>
<a href="#">VersionFormatQueryType</a>
<a href="#">virtualLicensePolicyDataType</a>
<a href="#">webRegKeyCountDataType</a>
<a href="#">webRegKeyDataListType</a>

Complex Types

Name
<a href="#">webRegKeyDataType</a>
<a href="#">webRegKeysDataListType</a>
<a href="#">webRegKeysListType</a>

## 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	<a href="#">accountPKType</a>	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	Name of the account.

## 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. <b>acctType</b> can be: <ul style="list-style-type: none"><li>CUSTOMER</li><li>PUBLISHER</li><li>CHANNEL_PARTNER</li><li>SELF_REGISTERED</li></ul> 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	<ul style="list-style-type: none"><li>• <b>True</b>—Deny trusted storage license repair if the ACPI Generation ID has changed.</li><li>• <b>False</b>—Allow trusted storage license repair even if the ACPI Generation ID has changed. Default.</li></ul> <p><b>Note:</b> 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 <b>useACPIGenerationId</b> to reflect the configuration in the UI.</p>

## 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: <ul style="list-style-type: none"> <li>• TEST</li> <li>• DRAFT</li> <li>• DEPLOYED</li> <li>• INACTIVE</li> <li>• ON_HOLD</li> <li>• OBSOLETE</li> </ul>
activatableItemData	<a href="#">entitlementLineItemDataType</a>	1..1	Details of the entitlement line item. See entitlementLineItemDataType.
channelPartners	<a href="#">channelPartnerDataListType</a>	0..1	Optional. Either <b>soldTo</b> or <b>channelPartners</b> must be specified. If neither <b>soldTo</b> nor <b>channelPartners</b> specifies an end customer, FlexNet Operations shows the End Customer account ID as <i>Information Not Available</i> , and Current Owner is not set. See channelPartnerDataListType.
entitlementAttributes	<a href="#">attributeDescriptorDataType</a>	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	<a href="#">activatableItemsSortBy</a>	1..*	

## Complex Type: addedEntitlementLineItemDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
addedLineItems	<a href="#">addedEntitlementLineItemDataType</a>	0..*	Contains one or more <b>addedLineItems</b> 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	<a href="#">entitlementIdentifierType</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	0..*	Includes unique ID of line items and activation ID of created line items.
maintenanceLineItemIdentifiers	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. See entitlementIdentifierType.
lineItems	<a href="#">createEntitlementLineItemDataType</a>	0..*	If the activation IDs already exist, the line items will be replaced. See createEntitlementLineItemDataType.
maintenanceLineItems	<a href="#">createMaintenanceLineItemDataType</a>	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	<a href="#">addEntitlementLineItemDataType</a>	1..*	See addEntitlementLineItemDataType.
opType	CreateOrUpdateOperationType	0..1	<p>One of the following:</p> <ul style="list-style-type: none"><li>CREATE_OR_UPDATE</li><li>CREATE_OR_IGNORE</li></ul> <p><b>Note:</b> If the <b>opType</b> is specified as either <b>CREATE_OR_IGNORE</b> or <b>CREATE_OR_UPDATE</b>, then specifying the entitlement identifier is important. If the entitlement identified by the <b>entitlementIdentifier</b> is not found, then the response could be a <b>FAILURE</b>.</p> <p>If the <b>opType</b> is set to <b>CREATE_OR_UPDATE</b> and the line item identifier exists, the system will try to handle the request as an update. Updates to the <b>associatedLineItems</b> and <b>lineItemType</b> will be ignored.</p>

### Referenced By

Name	Type
<a href="#">createEntitlementLineItemRequest</a>	Element
<a href="#">createEntitlementLineItem</a>	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

Component	Type	Occurs	Description		
statusInfo	<a href="#">StatusInfoType</a>	1..1	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
			<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed.</li><li>• FAILURE—None of the items in the request were processed.</li></ul> If the <b>opType</b> is <b>CREATE_OR_IGNORE</b> , 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 <b>opType</b> is <b>CREATE_OR_UPDATE</b> , then the operation updates the line item if present, otherwise creates it. <b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.
			<b>reason</b>	string	Gives reason for partial failure or failure.

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedAddEntitlementLineItemDataListType</a>	0..1	See failedAddEntitlementLineItemDataListType.
responseData	<a href="#">addedEntitlementLineItemDataListType</a>	0..1	See addedEntitlementLineItemDataListType.

## Referenced By

Name	Type
<a href="#">createEntitlementLineItemResponse</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. See entitlementIdentifierType.
webRegKeys	<a href="#">webRegKeyDataType</a>	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	<a href="#">addWebRegKeyDataType</a>	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
<a href="#">addWebRegKeyRequest</a>	Element
<a href="#">createWebRegKey</a>	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

Component	Type	Occurs	Description		
statusInfo	<a href="#">StatusInfoType</a>	1..1	Element	Data Type	Description
			status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</li></ul>



## Content Model

Component	Type	Occurs	Description									
			<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>	Element	Data Type	Description			the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">webRegKeyDataListType</a>	0..1	Information about the web register keys that were added is listed in the <b>responseData</b> element. See <a href="#">webRegKeyDataListType</a> . Not populated for asynchronous requests or for requests in which the web register keys are not autogenerated.									
failedData	<a href="#">failedAddWebRegKeyDataListType</a>	0..1	Information about the web register keys that were not added is listed in the <b>failedData</b> element. See <a href="#">failedAddWebRegKeyDataListType</a> . Not populated for asynchronous requests or for requests in which the web register keys are autogenerated.									

## Referenced By

Name	Type
<a href="#">addWebRegKeyResponse</a>	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	<a href="#">policyDataType</a>	1..1	<b>umn1Policy</b> contains the following elements: <ul style="list-style-type: none"><li>• <b>allowedCount</b></li><li>• <b>policyTerm</b>—see policyTermType.</li></ul>
umn2Policy	<a href="#">policyDataType</a>	1..1	<b>umn2Policy</b> contains the following elements: <ul style="list-style-type: none"><li>• <b>allowedCount</b></li><li>• <b>policyTerm</b>—see policyTermType.</li></ul>
umn3Policy	<a href="#">policyDataType</a>	1..1	<b>umn3Policy</b> contains the following elements: <ul style="list-style-type: none"><li>• <b>allowedCount</b></li><li>• <b>policyTerm</b>—see policyTermType.</li></ul>
midPolicy	<a href="#">policyDataType</a>	1..1	<b>midPolicy</b> contains the following elements: <ul style="list-style-type: none"><li>• <b>allowedCount</b></li><li>• <b>policyTerm</b>—see policyTermType.</li></ul>

## 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	<a href="#">attributeDescriptorType</a>	0..*	<b>attribute</b> contains a required string <b>attributeName</b> 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	<a href="#">attributeMetaDescriptorType</a>	0..*	<b>entitlementAttributes</b> contains one or more <b>attribute</b> elements. See <code>attributeMetaDescriptorType</code> .


## 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: <ul style="list-style-type: none"><li>• TEXT</li><li>• BOOLEAN</li><li>• NUMBER</li><li>• DATE</li><li>• MULTI_VALUED_TEXT</li><li>• LONGTEXT</li></ul>
namespace	string	1..1	Refers to the license technology on which the attribute is created.
validValues	<a href="#">valueType</a>	0..1	<b>validValues</b> contains an array of <b>value</b> 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	<a href="#">idType</a>	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	<a href="#">productIdentifierType</a>	0..1	Optional element supported for backwards compatibility. <ul style="list-style-type: none"> <li>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.</li> <li>Only products and suites are currently supported, not maintenance.</li> </ul> See productIdentifierType.
partNumber	<a href="#">partNumberIdentifierType</a>	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	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 1	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 2	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">attributeDescriptorDataType</a>	0..1	<ul style="list-style-type: none"> <li>Any entitlement-time attributes must be set before deployment of the entitlement.</li> <li>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.</li> </ul> <p>See <a href="#">attributeDescriptorDataType</a>.</p>
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	<a href="#">policyAttributesListType</a>	0..1	Required if any policies must be set at entitlement time. See <a href="#">policyAttributesListType</a> .
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	<p>At what point the start date is defined, where this is of the following values:</p> <ul style="list-style-type: none"> <li>DEFINE_AT_FIRST_ACTIVATION</li> <li>DEFINE_AT_EACH_ACTIVATION</li> <li>DEFINE_ACTDATE_AT_FIRST_ACTIVATION</li> <li>DEFINE_ACTDATE_AT_EACH_ACTIVATION</li> </ul>



## Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	<p>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 <b>term</b> or <b>expirationDate</b>. If false, set <b>term</b> or <b>expirationDate</b>, but not both.</p> <ul style="list-style-type: none"><li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li><li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li><li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li></ul>
term	<a href="#">DurationType</a>	0..1	<p>The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See <a href="#">DurationType</a>. If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b>. If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b>, but not both.</p>
expirationDate	date	0..1	<p>The date that the entitlement line item, and the licenses activated from it, expire. If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b>. If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b>, but not both.</p>
versionDate	date	0..1	<p>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 <b>versionDate</b> and set <b>versionDateAttributes</b> to <b>DEFINE_NOW</b>. In a license, this date is converted into the <b>Version Date Format</b> that is specified in the system configuration.</p>
versionDateAttributes	<a href="#">versionDateAttributesType</a>	0..1	<p>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 <a href="#">versionDateAttributesType</a>.</p>
description	string	0..1	<p>Optional. Describe what makes this bulk entitlement unique.</p>
numberOfCopies	integer	0..1	<p>Optional. Number of copies of the product entitled by each web register key on this entitlement. If not specified, it will be 1.</p>

## Content Model

Component	Type	Occurs	Description
bulkEntitlementType	BulkEntitlementType	0..1	One of the following: <ul style="list-style-type: none"><li>• UPGRADE</li><li>• UPSELL</li><li>• RENEWAL</li></ul>
autoDeploy	boolean	0..1	Whether to deploy this entitlement as soon as it is created.
entitledProducts	<a href="#">entitledProductDataListType</a>	0..1	See entitledProductDataListType.
channelPartners	<a href="#">channelPartnerDataListType</a>	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: <ul style="list-style-type: none"><li>• TEST</li><li>• DRAFT</li><li>• DEPLOYED</li><li>• INACTIVE</li><li>• OBSOLETE</li></ul>
createdUserId	string	0..1	User name of the user who created this entitlement.
licenseTechnology	<a href="#">licenseTechnologyIdentifierType</a>	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	<a href="#">entitlementIdentifierType</a>	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: <ul style="list-style-type: none"><li>• DRAFT</li><li>• DEPLOYED</li><li>• INACTIVE</li><li>• OBSOLETE</li></ul>
soldTo	<a href="#">accountIdentifierType</a>	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	<a href="#">productIdentifierType</a>	0..1	Product on the bulk entitlement. See productIdentifierType.
productDescription	string	0..1	Description of the product.
partNumber	<a href="#">partNumberIdentifierType</a>	0..1	Part number mapped to the product on the bulk entitlement. See partNumberIdentifierType.
partNumberDescription	string	0..1	Description of the part number.
licenseModel	<a href="#">licenseModelIdentifierType</a>	0..1	License model linked to the product on the bulk entitlement. See licenseModelIdentifierType.
alternateLicenseModel 1	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">licenseModelIdentifierType</a>	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 <a href="#">licenseModelIdentifierType</a> .
licenseTechnology	<a href="#">licenseTechnologyIdentifierType</a>	0..1	License technology. See <a href="#">licenseTechnologyIdentifierType</a> .
startDateOption	StartDateOptionType	0..1	At what point the start date is defined, where this is of the following values: <ul style="list-style-type: none"> <li>• DEFINE_NOW</li> <li>• DEFINE_AT_FIRST_ACTIVATION</li> <li>• DEFINE_AT_EACH_ACTIVATION</li> <li>• DEFINE_ACTDATE_AT_FIRST_ACTIVATION</li> <li>• DEFINE_ACTDATE_AT_EACH_ACTIVATION</li> </ul>
isPermanent	boolean	0..1	Whether the entitlement, and therefore, the license activated from it, is permanent. <ul style="list-style-type: none"> <li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>
term	<a href="#">DurationType</a>	0..1	Duration defined for the bulk entitlement. See <a href="#">DurationType</a> .
expirationDate	date	0..1	Expiration date of the license.
versionDate	date	0..1	Version date, if any defined for this bulk entitlement record.
versionDateAttributes	<a href="#">versionDateAttributesType</a>	0..1	Version date option and duration defined in the bulk entitlement. See <a href="#">versionDateAttributesType</a> .
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: <ul style="list-style-type: none"> <li>• UPGRADE</li> <li>• UPSELL</li> <li>• RENEWAL</li> </ul>
createdUserId	string	0..1	ID of the user who created the bulk entitlement.
customAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	Custom attributes associated with the bulk entitlement. See attributeDescriptorDataType.
entitledProducts	<a href="#">entitledProductDataListType</a>	0..1	See entitledProductDataListType.
channelPartners	<a href="#">channelPartnerDataListType</a>	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 description.
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. <ul style="list-style-type: none"><li>If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li><li>If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li><li>If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li></ul>

## 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	<b>True</b> —Returned counts should not be credited back to entitlement. <b>False</b> —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	<a href="#">channelPartnerDataType</a>	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.partner-tier-names.endcustomer and Distributor as bo.constants.partner-tier-names.tier1.
accountUnit	<a href="#">accountIdentifierType</a>	1..1	See accountIdentifierType.
contact	<a href="#">userIdentifierType</a>	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	<a href="#">idType</a>	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	<a href="#">productIdentifierType</a>	0..1	Optional element supported for backwards compatibility. <ul style="list-style-type: none"> <li>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.</li> <li>Only products and suites are currently supported, not maintenance.</li> </ul> See productIdentifierType.
partNumber	<a href="#">partNumberIdentifierType</a>	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	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 1	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 2	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">attributeDescriptorDataType</a>	0..1	<ul style="list-style-type: none"><li>Any entitlement-time attributes must be set before deployment of the entitlement.</li><li>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.</li></ul> See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">policyAttributesListType</a>	0..1	Required if any policies must be set at entitlement time. See <a href="#">policyAttributesListType</a> .
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: <ul style="list-style-type: none"><li>DEFINE_AT_FIRST_ACTIVATION</li><li>DEFINE_AT_EACH_ACTIVATION</li><li>DEFINE_ACTDATE_AT_FIRST_ACTIVATION</li><li>DEFINE_ACTDATE_AT_EACH_ACTIVATION</li></ul>

## Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	<p>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 <b>term</b> or <b>expirationDate</b>. If false, set <b>term</b> or <b>expirationDate</b>, but not both.</p> <ul style="list-style-type: none"><li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li><li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li><li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li></ul>
term	<a href="#">DurationType</a>	0..1	<p>The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See <a href="#">DurationType</a>. If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b>. If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b>, but not both.</p>
expirationDate	date	0..1	<p>The date that the entitlement line item, and the licenses activated from it, expire. If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b>. If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b>, but not both.</p>
versionDate	date	0..1	<p>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 <b>versionDate</b> and set <b>versionDateAttributes</b> to <b>DEFINE_NOW</b>. In a license, this date is converted into the <b>Version Date Format</b> that is specified in the system configuration.</p>
versionDateAttributes	<a href="#">versionDateAttributesType</a>	0..1	<p>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 <a href="#">versionDateAttributesType</a>.</p>
description	string	0..1	<p>Optional. Describe what makes this bulk entitlement unique.</p>
numberOfCopies	integer	0..1	<p>Optional. Number of copies of the product entitled by each web register key on this entitlement. If not specified, it will be 1.</p>

## Content Model

Component	Type	Occurs	Description
bulkEntitlementType	BulkEntitlementType	0..1	One of the following: <ul style="list-style-type: none"><li>• UPGRADE</li><li>• UPSELL</li><li>• RENEWAL</li></ul>
autoDeploy	boolean	0..1	Whether to deploy this entitlement as soon as it is created.
entitledProducts	<a href="#">entitledProductDataListType</a>	0..1	See entitledProductDataListType.
channelPartners	<a href="#">channelPartnerDataListType</a>	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
<a href="#">bulkEntitlementDataType</a>	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	<a href="#">createBulkEntitlementData</a> <a href="#">Type</a>	1..*	Required. A <b>createBulkEntitlementRequest</b> contains a <b>bulkEntitlement</b> element. See <a href="#">createBulkEntitlementDataType</a> .

### Referenced By

Name	Type
<a href="#">createBulkEntitlementRequest</a>	Element
<a href="#">createBulkEntitlement</a>	Method



## Complex Type: createBulkEntitlementResponseType


### Description

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedBulkEntitlementDataListType</a>	0..1	Information about the entitlements that were not added is listed in the <b>failedData</b> element. See <a href="#">failedBulkEntitlementDataListType</a> .									

## Content Model

Component	Type	Occurs	Description
responseData	<a href="#">createdBulkEntitlementDataListType</a>	0..1	Information about the entitlements that were added is listed in the <b>responseData</b> element. See <a href="#">createdBulkEntitlementDataListType</a> .

## Referenced By

Name	Type
<a href="#">createBulkEntitlementResponse</a>	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	<a href="#">createdBulkEntitlementDataType</a>	0..*	<b>responseData</b> contains one or more <b>createdBulkEntitlement</b> elements. See <b>createdBulkEntitlementDataType</b> .


## 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	<a href="#">createdEntitlementLifeCycleDataType</a>	0..*	<b>responseData</b> contains one or more <b>entitlementData</b> elements. See <b>createdEntitlementLifeCycleDataType</b> .


## 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	<a href="#">entitlementIdentifierType</a>	1..1	See entitlementIdentifierType.
createdLineItemData	<a href="#">lifeCycleLineItemDataType</a>	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	<a href="#">createdRenewEntitlementDataType</a>	0..*	<b>responseData</b> contains one or more <b>entitlementData</b> elements. See <a href="#">createdRenewEntitlementDataType</a> .


## 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	<a href="#">entitlementIdentifierType</a>	1..1	Entitlement ID that contains the renewed line item. See entitlementIdentifierType.
renewedLineItem	<a href="#">renewedEntitlementLineItemDataType</a>	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	<a href="#">createdSimpleEntitlementDataType</a>	0..*	<b>responseData</b> 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	<a href="#">entitlementLineItemIdentifierType</a>	0..*	Includes unique ID of line items and activation ID of created line items. See entitlementLineItemIdentifierType.
maintenanceLineItemIdentifiers	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">idType</a>	1..1	Required. See idType.
description	string	0..1	Optional description field, used while creating or updating the entitlement line item.
product	<a href="#">productIdentifierType</a>	0..1	Optional element supported for backwards compatibility. Replaced by <b>entitledProducts</b> element. <ul style="list-style-type: none"> <li>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.</li> <li>Only products and suites are supported.</li> </ul> See productIdentifierType.
partNumber	<a href="#">partNumberIdentifierType</a>	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	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 1	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 2	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">attributeDescriptorDataType</a>	0..1	<ul style="list-style-type: none"> <li>Any entitlement-time attributes must be set before deployment of the entitlement.</li> <li>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.</li> </ul> <p>See <a href="#">attributeDescriptorDataType</a>.</p>
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	<a href="#">policyAttributesListType</a>	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 <a href="#">policyAttributesListType</a> .
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	<p>At what point the start date is defined, where this is of the following values:</p> <ul style="list-style-type: none"> <li>DEFINE_NOW</li> <li>DEFINE_AT_FIRST_ACTIVATION</li> <li>DEFINE_AT_EACH_ACTIVATION</li> <li>DEFINE_ACTDATE_AT_FIRST_ACTIVATION</li> <li>DEFINE_ACTDATE_AT_EACH_ACTIVATION</li> </ul> <p>If neither startDate or startDateOption is specified, the default is DEFINE_AT_FIRST_ACTIVATION.</p>

## Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	<p>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 <b>term</b> or <b>expirationDate</b>. If false, set either <b>term</b> or <b>expirationDate</b>.</p> <ul style="list-style-type: none"> <li>If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>
term	<a href="#">DurationType</a>	0..1	The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See <a href="#">DurationType</a> . If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b> , but not both.
expirationDate	date	0..1	The date that the entitlement line item, and the licenses activated from it, expire. If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b> , 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 <b>versionDate</b> and set <b>versionDateAttributes</b> to DEFINE_NOW. In a license, this date is converted into the <b>Version Date Format</b> that is specified in the system configuration.
versionDateAttributes	<a href="#">versionDateAttributesType</a>	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 <a href="#">Table versionDateAttributesType</a> .
lineItemType	LineItemType	0..1	<p>Optional.</p> <ul style="list-style-type: none"> <li>UPGRADE</li> <li>UPSELL</li> <li>RENEWAL</li> </ul> <p>If this element is set, then the entitlement line item will be of this type.</p>
entitledProducts	<a href="#">entitledProductDataListType</a>	0..1	See <a href="#">entitledProductDataListType</a> .

## Content Model

Component	Type	Occurs	Description
lineItemAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See attributeDescriptorDataType.

## Referenced By

Name	Type
<a href="#">entitlementLineItemDataType</a>	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	<a href="#">idType</a>	1..1	Required. See idType.
maintenanceProduct	<a href="#">productIdentifierType</a>	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	<a href="#">partNumberIdentifierType</a>	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 <b>term</b> or <b>expirationDate</b> . If false, set <b>term</b> or <b>expirationDate</b> , but not both. <ul style="list-style-type: none"> <li>If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>
parentLineItem	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	0..*	Supports linking the maintenance with multiple entitlement line items. See entitlementLineItemIdentifierType.
maintenanceLineItemAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See attributeDescriptorDataType.

## Referenced By

Name	Type
<a href="#">maintenanceLineItemDataType</a>	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	<a href="#">idType</a>	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 <b>CurrentOwner</b> . If neither soldTo nor channelPartners specifies an end customer, FlexNet Operations shows the End Customer account ID as <i>Information Not Available</i> , and <b>Current Owner</b> 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	<a href="#">createEntitlementLineItemDataType</a>	0..*	Optional. See createEntitlementLineItemDataType.
maintenanceLineItems	<a href="#">createMaintenanceLineItemDataType</a>	0..*	Optional. See createMaintenanceLineItemDataType.
autoDeploy	boolean	0..1	Whether to deploy this entitlement as soon as it is created.
channelPartners	<a href="#">channelPartnerDataListType</a>	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 <i>Information Not Available</i> , and <b>Current Owner</b> 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	<a href="#">attributeDescriptorDataType</a>	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	<a href="#">createSimpleEntitlementDataType</a>	1..*	Required. A <b>createSimpleEntitlementRequest</b> contains an array of <b>simpleEntitlement</b> elements to be added. See <a href="#">createSimpleEntitlementDataType</a> .
opType	CreateOrUpdateOperationType	0..1	<p>One of the following:</p> <ul style="list-style-type: none"><li>CREATE_OR_UPDATE</li><li>CREATE_OR_IGNORE</li></ul> <p><b>Note:</b> If the <b>opType</b> is <b>CREATE_OR_UPDATE</b>, then the incoming request is split internally as a <b>createRequest</b> (containing all entitlements that need to be created) and an <b>updateRequest</b> (containing all entitlements that need to be updated). If there is even a single failure in the <b>createRequest</b>, the whole of the <b>createRequest</b> fails. If there is a single failure in the <b>updateRequest</b>, the whole of the <b>updateRequest</b> fails. However if the <b>createRequest</b> succeeds and <b>updateRequest</b> fails (or vice-versa), the overall status is <b>PARTIAL_FAILURE</b>. The <b>FAILURE</b> case arises wherein both <b>createRequest</b> and <b>updateRequest</b> fail.</p> <p>If the <b>opType</b> is set to <b>CREATE_OR_UPDATE</b> 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.</p>

### Referenced By

Name	Type
<a href="#">createSimpleEntitlementRequest</a>	Element
<a href="#">createSimpleEntitlement</a>	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

Component	Type	Occurs	Description								
statusInfo	<a href="#">StatusInfoType</a>	1..1	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td><p>Returns one of the following:</p><ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul><p>When the <b>opType</b> is either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b>, the Entitlement response and the Line Item response together result in the final response.</p><ul style="list-style-type: none"><li>Both the Entitlement response and the Line Item response must be a success for the final result to be a success.</li><li>If one is a success and the other is a failure, the final</li></ul></td></tr></table>			Element	Data Type	Description	status	StatusType	<p>Returns one of the following:</p> <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul> <p>When the <b>opType</b> is either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b>, the Entitlement response and the Line Item response together result in the final response.</p> <ul style="list-style-type: none"><li>Both the Entitlement response and the Line Item response must be a success for the final result to be a success.</li><li>If one is a success and the other is a failure, the final</li></ul>
Element	Data Type	Description									
status	StatusType	<p>Returns one of the following:</p> <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul> <p>When the <b>opType</b> is either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b>, the Entitlement response and the Line Item response together result in the final response.</p> <ul style="list-style-type: none"><li>Both the Entitlement response and the Line Item response must be a success for the final result to be a success.</li><li>If one is a success and the other is a failure, the final</li></ul>									

## Content Model

Component	Type	Occurs	Description									
			<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td></td><td></td><td><p>result is a failure.</p><ul style="list-style-type: none"><li>If one is a partial failure and one is a failure, the final result is a failure.</li></ul><p><b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</p></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description			<p>result is a failure.</p> <ul style="list-style-type: none"><li>If one is a partial failure and one is a failure, the final result is a failure.</li></ul> <p><b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</p>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		<p>result is a failure.</p> <ul style="list-style-type: none"><li>If one is a partial failure and one is a failure, the final result is a failure.</li></ul> <p><b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</p>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedSimpleEntitlementDataListType</a>	0..1	Information about the entitlements that were not added is listed in the <b>failedData</b> element. See failedSimpleEntitlementDataListType.									
responseData	<a href="#">createdSimpleEntitlementDataListType</a>	0..1	Information about the entitlements that were added is listed in the <b>responseData</b> element. See createdSimpleEntitlementDataListType.									

## Referenced By

Name	Type
<a href="#">createSimpleEntitlementResponse</a>	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 <b>stringValue</b> or <b>numberValue</b> or <b>booleanValue</b> . Set to true or false if the custom attribute is of type boolean.
dateValue	DateQueryType	0..1	Optional. A <b>dateValue</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the version date value.</li><li>• <b>searchType</b>—one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
numberValue	NumberQueryType	0..1	<p>Optional. Depending on the attribute type, set either <b>stringValue</b> or <b>numberValue</b> or <b>booleanValue</b>. A <b>numberValue</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—an integer number to match part or all of the custom attribute value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• GREATER_THAN</li> <li>• GREATER_THAN_EQUALS</li> <li>• LESS_THAN</li> <li>• LESS_THAN_EQUALS</li> <li>• EQUALS</li> <li>• NOT_EQUALS</li> </ul> </li> </ul>
stringValue	<a href="#">SimpleQueryType</a>	0..1	<p>Optional. Depending on the attribute type, set either <b>stringValue</b> or <b>numberValue</b> or <b>booleanValue</b>. A <b>stringValue</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the custom attribute value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## 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	<a href="#">customAttributeQueryType</a>	0..*	See customAttributeQueryType.




## 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: <ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul>

## 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	<a href="#">entitlementIdentifierType</a>	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	<a href="#">deleteEntitlementDataType</a>	1..*	Required. A <b>deleteEntitlementRequest</b> contains an array of <b>entitlement</b> elements to be deleted. See <a href="#">deleteEntitlementDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteEntitlementRequest</a>	Element
<a href="#">deleteEntitlement</a>	Method


## Complex Type: deleteEntitlementResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteEntitlementDataListType</a>	0..1	Information about the entitlements that were not deleted is listed in the failedData element. See failedDeleteEntitlementDataListType.									

### Referenced By

Name	Type
<a href="#">deleteEntitlementResponse</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	See entitlementLineItemIdentifierType.

## Complex Type: deleteMaintenanceLinItemRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLinItemData	<a href="#">deleteMaintenanceLinItemDataType</a>	1..*	Required. A <b>deleteMaintenanceLinItemRequest</b> contains an array of maintenanceLinItemData elements to be deleted. See deleteMaintenanceLinItemDataType.

### Referenced By

Name	Type
<a href="#">deleteMaintenanceLinItemRequest</a>	Element
<a href="#">deleteMaintenanceLinItem</a>	Method


## Complex Type: deleteMaintenanceLineItemResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteMaintenanceLineItemDataListType</a>	0..1	Information about the maintenance line items that were not deleted is listed in the failedData element. See failedDeleteMaintenanceLineItemDataListType.									

### Referenced By

Name	Type
<a href="#">deleteMaintenanceLineItemResponse</a>	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	<a href="#">webRegKeysListType</a>	1..1	Required. A <b>deleteWebRegKeyRequest</b> contains a <b>webRegKeyList</b> element to be added. See <a href="#">webRegKeysListType</a> .

### Referenced By

Name	Type
<a href="#">deleteWebRegKeyRequest</a>	Element
<a href="#">deleteWebRegKey</a>	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

Component	Type	Occurs	Description		
statusInfo	<a href="#">StatusInfoType</a>	1..1	Element	Data Type	Description
			status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</li></ul>

## Content Model

Component	Type	Occurs	Description									
			<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>	Element	Data Type	Description			the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteWebRegKeyListType</a>	0..1	Information about the web register keys that were not deleted is listed in the failedData element. See failedDeleteWebRegKeyListType.									

## Referenced By

Name	Type
<a href="#">deleteWebRegKeyResponse</a>	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 <b>durationUnit</b> .
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: <ul style="list-style-type: none"><li>• DAYS</li><li>• WEEKS</li><li>• MONTHS</li><li>• YEARS</li></ul>

## 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 <b>emailActivatableItemRequest</b> contains an <b>activationId</b> 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	<a href="#">emailContactListType</a>	0..1	See emailContactListType.
ccEmailIdList	<a href="#">emailContactListType</a>	0..1	
bccEmailIdList	<a href="#">emailContactListType</a>	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
<a href="#">emailActivatableItemRequest</a>	Element
<a href="#">emailActivatableItem</a>	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	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

### Referenced By

Name	Type
<a href="#">emailActivatableItemResponse</a>	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	<a href="#">entitlementIdentifierType</a>	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	<a href="#">emailContactListType</a>	0..1	See emailContactListType.
ccEmailIdList	<a href="#">emailContactListType</a>	0..1	
bccEmailIdList	<a href="#">emailContactListType</a>	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
<a href="#">emailEntitlementRequest</a>	Element
<a href="#">emailEntitlement</a>	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	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

### Referenced By

Name	Type
<a href="#">emailEntitlementResponse</a>	Element

## Complex Type: entCustomAttributeQueryType

### 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	<a href="#">SimpleQueryType</a>	0..1	Value of the text-type entitlement custom attribute.

## 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	<a href="#">entCustomAttributeQueryType</a>	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	<a href="#">entitledProductDataType</a>	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	<a href="#">productIdentifierType</a>	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	<a href="#">bulkEntitlementDataType</a>	0..1	See bulkEntitlementDataType.
simpleEntitlement	<a href="#">simpleEntitlementDataType</a>	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	<a href="#">entitlementPKType</a>	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	<a href="#">entitlementIdentifierType</a>	0..1	Optional. If not provided, the parent entitlement is inferred from the <b>parentLineItemIdentifier</b> in <b>lineItemLifeCycleDataType</b> . See <b>entitlementIdentifierType</b> .
lineItemData	<a href="#">lineItemLifeCycleDataType</a>	1..*	Required. See <b>lineItemLifeCycleDataType</b> .



## 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	<a href="#">entitlementLifeCycleDataType</a>	0..*	Required. A <b>EntitlementLifecycleRequest</b> contains an array of <b>entitlementData</b> elements. See <a href="#">entitlementLifeCycleDataType</a> .

### Referenced By

Name	Type
<a href="#">upgradeLicenseRequest</a>	Element
<a href="#">upsellLicenseRequest</a>	Element
<a href="#">upgradeLicense</a>	Method
<a href="#">upsellLicense</a>	Method


## Complex Type: EntitlementLifeCycleResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedEntitlementLifeCycleDataListType</a>	0..1	Information about the entitlements that were not upgraded is listed in the <b>failedData</b> element. See failedEntitlementLifeCycleDataListType.									
responseData	<a href="#">createdEntitlementLifeCycleDataListType</a>	0..1	Information about the entitlements that were upgraded is listed in the <b>responseData</b> element. See createdEntitlementLifeCycleDataListType.									

### Referenced By

Name	Type
<a href="#">upgradeLicenseResponse</a>	Element

Referenced By

Name	Type
<a href="#">upsellLicenseResponse</a>	Element

## Complex Type: entitlementLineItemType

### Derived By

Extending [createEntitlementLineItemType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
activationId	<a href="#">idType</a>	1..1	Required. See idType.
description	string	0..1	Optional description field, used while creating or updating the entitlement line item.
product	<a href="#">productIdentifierType</a>	0..1	Optional element supported for backwards compatibility. Replaced by <b>entitledProducts</b> element. <ul style="list-style-type: none"> <li>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.</li> <li>Only products and suites are supported.</li> </ul> See productIdentifierType.
partNumber	<a href="#">partNumberIdentifierType</a>	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	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 1	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 2	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">attributeDescriptorDataType</a>	0..1	<ul style="list-style-type: none"> <li>Any entitlement-time attributes must be set before deployment of the entitlement.</li> <li>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.</li> </ul> <p>See <a href="#">attributeDescriptorDataType</a>.</p>
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	<a href="#">policyAttributesListType</a>	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 <a href="#">policyAttributesListType</a> .
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	<p>At what point the start date is defined, where this is of the following values:</p> <ul style="list-style-type: none"> <li>DEFINE_NOW</li> <li>DEFINE_AT_FIRST_ACTIVATION</li> <li>DEFINE_AT_EACH_ACTIVATION</li> <li>DEFINE_ACTDATE_AT_FIRST_ACTIVATION</li> <li>DEFINE_ACTDATE_AT_EACH_ACTIVATION</li> </ul> <p>If neither startDate or startDateOption is specified, the default is DEFINE_AT_FIRST_ACTIVATION.</p>

## Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	<p>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 <b>term</b> or <b>expirationDate</b>. If false, set either <b>term</b> or <b>expirationDate</b>.</p> <ul style="list-style-type: none"> <li>If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>
term	<a href="#">DurationType</a>	0..1	The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See <a href="#">DurationType</a> . If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b> , but not both.
expirationDate	date	0..1	The date that the entitlement line item, and the licenses activated from it, expire. If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b> , 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 <b>versionDate</b> and set <b>versionDateAttributes</b> to DEFINE_NOW. In a license, this date is converted into the <b>Version Date Format</b> that is specified in the system configuration.
versionDateAttributes	<a href="#">versionDateAttributesType</a>	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 <a href="#">Table versionDateAttributesType</a> .
lineItemType	LineItemType	0..1	<p>Optional.</p> <ul style="list-style-type: none"> <li>UPGRADE</li> <li>UPSELL</li> <li>RENEWAL</li> </ul> <p>If this element is set, then the entitlement line item will be of this type.</p>
entitledProducts	<a href="#">entitledProductDataListType</a>	0..1	See <a href="#">entitledProductDataListType</a> .

## Content Model

Component	Type	Occurs	Description
lineItemAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See attributeDescriptorDataType.
productLine	<a href="#">productCategoryDataType</a>	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: <ul style="list-style-type: none"><li>• TEST</li><li>• DRAFT</li><li>• DEPLOYED</li><li>• INACTIVE</li><li>• ON_HOLD</li><li>• OBSOLETE</li></ul>
licenseTechnology	<a href="#">licenseTechnologyIdentifierType</a>	0..1	License technology of the product. See licenseTechnologyIdentifierType.
parentLineItem	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">entitlementLineItemPKType</a>	0..1	Database primary key 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 <b>activationId</b> 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	<a href="#">entitlementLineItemIdentifierType</a>	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: <ul style="list-style-type: none"><li>• TEST</li><li>• DRAFT</li><li>• DEPLOYED</li><li>• INACTIVE</li><li>• ON_HOLD</li><li>• OBSOLETE</li></ul>
activatableItemType	ActivatableItemType	0..1	LINEITEM or WEBREGKEY
orderId	string	0..1	Order Id.
orderLineNumber	string	0..1	Order line number.
entitlementId	<a href="#">entitlementIdentifierType</a>	0..1	See entitlementIdentifierType.
soldTo	<a href="#">accountIdentifierType</a>	0..1	See accountIdentifierType.
soldToDisplayName	string	0..1	Account name of the account.
entitlementState	StateType	0..1	One of the following: <ul style="list-style-type: none"><li>• TEST</li><li>• DRAFT</li><li>• DEPLOYED</li><li>• INACTIVE</li><li>• ON_HOLD</li><li>• OBSOLETE</li></ul>
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	<a href="#">entitlementIdentifierType</a>	0..1	See entitlementIdentifierType.
bulkEntSoldTo	<a href="#">accountIdentifierType</a>	0..1	See accountIdentifierType.
bulkEntSoldToDisplayName	string	0..1	Account name of the account.
product	<a href="#">productIdentifierType</a>	0..1	See productIdentifierType.
productDescription	string	0..1	Brief description of the product.
partNumber	<a href="#">partNumberIdentifierType</a>	0..1	See partNumberIdentifierType.
partNumberDescription	string	0..1	Brief description of the part number.
licenseTechnology	<a href="#">licenseTechnologyIdentifierType</a>	0..1	Required. License technology of the product. See licenseTechnologyIdentifierType.
licenseModel	<a href="#">licenseModelIdentifierType</a>	0..1	Required. See licenseModelIdentifierType.
alternateLicenseModel1	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	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: <ul style="list-style-type: none"> <li>• DEFINE_NOW</li> <li>• DEFINE_AT_FIRST_ACTIVATION</li> <li>• DEFINE_AT_EACH_ACTIVATION</li> <li>• DEFINE_ACTDATE_AT_FIRST_ACTIVATION</li> <li>• DEFINE_ACTDATE_AT_EACH_ACTIVATION</li> </ul>
isPermanent	boolean	0..1	Whether the entitlement, and therefore, the license activated from it, is permanent. <ul style="list-style-type: none"> <li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>
term	<a href="#">DurationType</a>	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 <a href="#">DurationType</a> . If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set either <b>term</b> or <b>expirationDate</b> .
expirationDate	date	0..1	Expiration date of the line item.
versionDate	date	0..1	Version date of the line item.
versionDateAttributes	<a href="#">versionDateAttributesType</a>	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	<a href="#">attributeDescriptorDataType</a>	0..1	See attributeDescriptorDataType.

## Content Model

Component	Type	Occurs	Description
entitledProducts	<a href="#">entitledProductDataListType</a>	0..1	Deprecated. Use updatedEntitledProducts[] instead. See entitledProductDataListType.
channelPartners	<a href="#">channelPartnerDataListType</a>	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	<a href="#">maintenanceLineItemPropertiesType</a>	0..*	<p>If set to 1, the following information is returned about maintenance line items linked to the returned line items:</p> <ul style="list-style-type: none"> <li>activationId</li> <li>maintenanceProduct</li> <li>partNumber</li> <li>orderId</li> <li>orderLineNumber</li> <li>startDate</li> <li>expirationDate</li> <li>isPermanent</li> <li>state</li> </ul> <p>See maintenanceLineItemPropertiesType.</p>
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	<a href="#">attributeDescriptorDataType</a>	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 been 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	
versionDate	boolean	0..1	
versionDateAttributes	boolean	0..1	
numberOfCopies	boolean	0..1	
fulfilledAmount	boolean	0..1	
numberOfRemainingCopies	boolean	0..1	
isTrusted	boolean	0..1	
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	<a href="#">entitlementIdentifierType</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	0..1	See entitlementLineItemIdentifierType.
state	StateType	0..1	One of the following: <ul style="list-style-type: none"><li>• TEST</li><li>• DRAFT</li><li>• DEPLOYED</li><li>• INACTIVE</li><li>• OBSOLETE</li></ul>
orderId	string	0..1	The maintenance order ID.
orderLineNumber	string	0..1	The order line number.
entitlementId	<a href="#">entitlementIdentifierType</a>	0..1	See entitlementIdentifierType.
maintenanceProduct	<a href="#">productIdentifierType</a>	0..1	See productIdentifierType.
maintenanceProductDescription	string	0..1	The maintenance product name.
maintenancePartNumber	<a href="#">partNumberIdentifierType</a>	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	<p>Whether the entitlement, and therefore, the license activated from it, is permanent.</p> <ul style="list-style-type: none"> <li>If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>
expirationDate	date	0..1	If the maintenance line item is not permanent, 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	<a href="#">attributeDescriptorDataType</a>	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 been 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	<a href="#">entitlementIdentifierType</a>	1..1	See licenseModelIdentifierType.
stateChangeRecord	<a href="#">stateChangeDataType</a>	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	<a href="#">entitlementStateChange DataType</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. See entitlementIdentifierType.
stateToSet	StateType	1..1	Required. One of the following: <ul style="list-style-type: none"> <li>DRAFT</li> <li>DEPLOYED</li> <li>INACTIVE</li> <li>OBSOLETE</li> </ul>




## 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 <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b> , but not both.
term	<a href="#">DurationType</a>	0..1	The length of time after the start date that the entitlement, and the licenses activated from it, are valid. See DurationType. If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b> , 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	<a href="#">failedAddEntitlementLineItemDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedLineItemData</b> elements. See <b>failedAddEntitlementLineItemDataType</b> .


## 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	<a href="#">addEntitlementLineItemDataType</a>	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	<a href="#">failedAddWebRegKeyData</a> <a href="#">Type</a>	0..*	<b>failedData</b> contains one or more <b>failedAddWeRegKey</b> 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	<a href="#">addWebRegKeyDataType</a>	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	<a href="#">failedBulkEntitlementData Type</a>	0..*	<b>failedData</b> contains one or more <b>failedBulkEntitlement</b> 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	<a href="#">createBulkEntitlementDataType</a>	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	<a href="#">failedDeleteEntitlementDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedEntitlement</b> 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	<a href="#">entitlementIdentifierType</a>	1..1	See entitlementIdentifierType.
reason	string	0..1	The reason the entitlement was not deleted.

## Complex Type: failedDeleteMaintenanceLineItemType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedData	<a href="#">failedDeleteMaintenanceLineItemType</a>	0..*	<b>failedData</b> contains one or more <b>failedData</b> elements. See <a href="#">failedDeleteMaintenanceLineItemType</a> .


## 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	<a href="#">deleteMaintenanceLineItemDataType</a>	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	<a href="#">failedDeleteWebRegKey DataType</a>	0..*	<b>failedData</b> contains one or more <b>failedWebRegKey</b> 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	<a href="#">failedEntitlementLifeCycleDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedEntitlement</b> 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	<a href="#">entitlementLifeCycleDataType</a>	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	<a href="#">failedEntitlementStateData Type</a>	0..*	A <b>failedData</b> element contains an array of <b>failedEntitlement</b> 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	<a href="#">entitlementStateDataType</a>	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: failedLinItemStateDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedLinItem	<a href="#">failedLinItemStateDataT ype</a>	0..*	A <b>failedData</b> element contains an array of <b>failedLinItem</b> elements whose state was not set. See failedLinItemStateDataType.

## 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	<a href="#">lineItemStateDataType</a>	1..1	See lineItemStateDataType.
reason	string	1..1	Reason the state of the line item was not set.

## Complex Type: failedLinkMaintenanceLinItemDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
linkMaintenanceLinItem	<a href="#">linkMaintenanceLinItemDataType</a>	1..1	See linkMaintenanceLinItemDataType.
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	<a href="#">failedLinkMaintenanceLineItemDataType</a>	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	<a href="#">failedMaintenanceLineItemStateDataType</a>	0..*	See failedMaintenanceLineItemStateDataType.



## Complex Type: failedMaintenanceLinItemStateDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLinItem	<a href="#">maintenanceLinItemStateDataType</a>	1..1	See maintenanceLinItemStateDataType.
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	<a href="#">failedIdDataType</a>	1..*	<b>failedData</b> 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	<a href="#">getMatchingBulkEntInfoType</a>	1..1	For the source bulk entitlement that had no matches in the target account. See <a href="#">getMatchingBulkEntInfoType</a> .
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	<a href="#">failedMatchingBulkEntDataType</a>	1..*	<b>failedData</b> contains a <b>failedBulkEnt</b> element. See <a href="#">failedMatchingBulkEntDataType</a> .


## 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	<a href="#">getMatchingLineItemInfoType</a>	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: failedMatchingLinItemsListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedLinItem	<a href="#">failedMatchingLinItemDataType</a>	1..*	failedData contains a failedLinItem element. See failedMatchingLinItemDataType.

## Complex Type: failedRemoveEntitlementLineItemType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedData	<a href="#">failedRemoveEntitlementLineItemType</a>	0..*	<b>failedData</b> contains one or more <b>failedData</b> elements. See <a href="#">failedRemoveEntitlementLineItemType</a> .

## 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	<a href="#">removeEntitlementLineItemDataType</a>	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	<a href="#">failedRenewEntitlementDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedRenewEntitlement</b> elements. See <b>failedRenewEntitlementDataType</b> .

## 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	<a href="#">renewEntitlementDataTy pe</a>	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	<a href="#">failedSimpleEntitlementDataType</a>	0..*	<b>failedData</b> 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	<a href="#">createSimpleEntitlement DataType</a>	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	<a href="#">splitBulkEntitlementInfoType</a>	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	<a href="#">failedSplitBulkEntitlement DataType</a>	1..*	<b>failedData</b> contains one or more <b>failedBulkEntitlement</b> elements. See <b>failedSplitBulkEntitlementDataType</b> .


## 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	<a href="#">splitLineItemInfoType</a>	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	<a href="#">failedSplitLineItemDataType</a>	1..*	<b>failedData</b> contains a <b>failedLineItem</b> 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	<a href="#">transferEntitlementInfoType</a>	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	<a href="#">failedTransferEntitlement DataType</a>	1..*	<b>failedData</b> contains one or more <b>failedEntitlement</b> 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	<a href="#">transferLineItemInfoType</a>	1..1	See transferEntitlementInfoType.
reason	string	1..1	String containing the reason the line item was not transferred.

## Complex Type: failedTransferLineItemType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedLineItem	<a href="#">failedTransferLineItemType</a>	1..*	<b>failedData</b> contains one or more <b>failedLineItem</b> elements. See failedTransferLineItemTypeData Type.

## 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	<a href="#">unlinkMaintenanceLineItemDataType</a>	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	<a href="#">failedUnlinkMaintenanceLineItemDataType</a>	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	<a href="#">failedUpdateBulkEntitlementDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedBulkEntitlement</b> elements. See <a href="#">failedUpdateBulkEntitlementDataType</a> .

## 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	<a href="#">updateBulkEntitlementDataType</a>	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	<a href="#">failedUpdateEntitlementLineItemDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedEntitlementLineItem</b> elements. See <a href="#">failedUpdateEntitlementLineItemDataType</a> .

## Complex Type: failedUpdateEntitlementLineItemType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedData	<a href="#">updateEntitlementLineItemType</a>	0..1	See updateEntitlementLineItemType.
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	<a href="#">failedUpdateSimpleEntitlementDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedSimpleEntitlement</b> elements. See <b>failedUpdateSimpleEntitlementDataType</b> .

## 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	<a href="#">updateSimpleEntitlement DataType</a>	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	<a href="#">featureBundlePKType</a>	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	<a href="#">featureBundleIdentifierType</a>	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	<a href="#">featureBundleIdentifierType</a>	1..1	See featureBundleIdentifierType.
stateChangeRecord	<a href="#">stateChangeDataType</a>	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	<a href="#">featureBundleStateChangeDataType</a>	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	<a href="#">featurePKType</a>	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	<a href="#">featureIdentifierType</a>	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 <b>name</b> of the feature.
version	string	0..1	The <b>version</b> 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	<a href="#">featureIdentifierType</a>	1..1	See featureIdentifierType.
stateChangeRecord	<a href="#">stateChangeDataType</a>	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	<a href="#">featureStateChangeDataType</a>	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	<a href="#">fulfillmentPKType</a>	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 fulfillment 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	<a href="#">searchActivatableItemDataType</a>	1..1	Required. See <a href="#">searchActivatableItemDataType</a> . Leave this element blank to return all activatable line items.
restrictToItemsReadyToActivate	boolean	0..1	Optional. Only use for the <b>getActivatableItemCount</b> operation. Restricts the search to only items ready to activate.

### Referenced By

Name	Type
<a href="#">getActivatableItemCountRequest</a>	Element
<a href="#">getActivatableItemCount</a>	Method


## Complex Type: getActivatableItemCountResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
count	integer	0..1	Number of activatable items that matched the specified criteria.									

### Referenced By

Name	Type
<a href="#">getActivatableItemCountResponse</a>	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	
bulkEntitlementSearch Criteria	<a href="#">searchBulkEntitlementData Type</a>	1..1	Required. See searchBulkEntitlementDataType. Leave this element blank to return all bulk entitlements.

### Referenced By

Name	Type
<a href="#">getBulkEntitlementCountRequest</a>	Element
<a href="#">getBulkEntitlementCount</a>	Method


## Complex Type: getBulkEntitlementCountResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
count	integer	0..1	Number of bulk entitlements matching the specified criteria.									

### Referenced By

Name	Type
<a href="#">getBulkEntitlementCountResponse</a>	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	<a href="#">searchBulkEntitlementDataType</a>	1..1	Required. See searchBulkEntitlementDataType.
bulkEntitlementResponseConfig	<a href="#">bulkEntitlementResponseConfigRequestType</a>	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 <b>pageNumber</b> to 2.
pageNumber	integer	0..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getBulkEntitlementPropertiesRequest</a>	Element
<a href="#">getBulkEntitlementPropertiesQuery</a>	Method


## Complex Type: getBulkEntitlementPropertiesResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
bulkEntitlement	<a href="#">bulkEntitlementPropertiesType</a>	0..*	See bulkEntitlementPropertiesType.									

### Referenced By

Name	Type
<a href="#">getBulkEntitlementPropertiesResponse</a>	Element

## Complex Type: getCountResponseType

### 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	<a href="#">licenseModelIdentifierType</a>	1..1	Required. A <b>getEntitlementAttributesRequest</b> contains a <b>licenseModelIdentifier</b> element identifying the license model whose attributes to return. See licenseModelIdentifierType.

### Referenced By

Name	Type
<a href="#">getEntitlementAttributesRequest</a>	Element
<a href="#">getEntitlementAttributesFromModel</a>	Method




## Complex Type: getEntitlementAttributesResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
entitlementAttributes	<a href="#">attributeMetaDescriptorDataType</a>	0..1	A list of license model attributes that are set at entitlement time are contained in the <b>entitlementAttributes</b> element. See <a href="#">attributeMetaDescriptorDataType</a> .									
policyAttributes	<a href="#">policyAttributesDataType</a>	0..1	A list of policy attributes that are set at entitlement time are contained in the policyAttributes element. See <a href="#">policyAttributesDataType</a> .									
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
<a href="#">getEntitlementAttributesResponse</a>	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	<a href="#">searchEntitlementDataType</a>	1..1	Required. See searchEntitlementDataType. Leave this element blank to return all entitlements.

### Referenced By

Name	Type
<a href="#">getEntitlementCountRequest</a>	Element
<a href="#">getEntitlementCount</a>	Method


## Complex Type: getEntitlementCountResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
count	integer	0..1	Number of entitlements matching the specified criteria.									

### Referenced By

Name	Type
<a href="#">getEntitlementCountResponse</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	0..1	Required. Identifies the line item for which you want an exact available count. See <a href="#">entitlementLineItemIdentifierType</a> .

### Referenced By

Name	Type
<a href="#">getExactAvailableCountRequest</a>	Element
<a href="#">getExactAvailableCount</a>	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	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
count	integer	0..1	The exact available count for the line item requested.									

### Referenced By

Name	Type
<a href="#">getExactAvailableCountResponse</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. The identifier 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	<a href="#">accountIdentifierType</a>	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	<a href="#">getMatchingBulkEntInfoType</a>	1..*	Required. A <b>bulkEntList</b> contains one or more <b>bulkEntInfo</b> elements. See <a href="#">getMatchingBulkEntInfoType</a> .



## 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	<a href="#">getMatchingBulkEntsListType</a>	1..1	Required. See getMatchingBulkEntsListType.

### Referenced By

Name	Type
<a href="#">getMatchingBulkEntsRequest</a>	Element
<a href="#">getMatchingBulkEnts</a>	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	<a href="#">matchingBulkEntDataType</a>	1..*	<b>responseData</b> contains one or more <b>matchingBulkEnt</b> elements. See <b>matchingBulkEntDataType</b> .


## Complex Type: getMatchingBulkEntsResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getMatchingBulkEntsResponseListType</a>	0..1	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.									
failedData	<a href="#">failedMatchingBulkEntsListType</a>	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
<a href="#">getMatchingBulkEntsResponse</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	Required. The identifier 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	<a href="#">accountIdentifierType</a>	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	<a href="#">getMatchingLineItemInfoType</a>	1..*	Required. A <b>lineItemList</b> contains one or more <b>lineItemInfo</b> elements. See <a href="#">getMatchingLineItemInfoType</a> .

## 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	<a href="#">getMatchingLineItemsListType</a>	1..1	Required. See getMatchingLineItemsListType.

### Referenced By

Name	Type
<a href="#">getMatchingLineItemsRequest</a>	Element
<a href="#">getMatchingLineItems</a>	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	<a href="#">matchingLineItemDataType</a>	1..*	<b>responseData</b> contains one or more <b>matchingLineItem</b> elements. See <b>matchingLineItemDataType</b> .




## Complex Type: getMatchingLineItemsResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getMatchingLineItemsResponseListType</a>	0..1	Information about entitlement line items in the target account that match the line item you plan to split is listed in the <b>responseData</b> element. See <a href="#">getMatchingLineItemsResponseListType</a> .									
failedData	<a href="#">failedMatchingLineItemsListType</a>	0..1	Information about the entitlement line item that could not be matched to line items in the target account is in the <b>failedData</b> element. See <a href="#">failedMatchingLineItemsListType</a> .									

Referenced By

Name	Type
<a href="#">getMatchingLineItemsResponse</a>	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	<a href="#">featureListType</a>	0..1	Optional. See featureListType.
featureBundleList	<a href="#">featureBundleListType</a>	0..1	Optional. See featureBundleListType.
productList	<a href="#">productListType</a>	0..1	Optional. See productListType.
licenseModelList	<a href="#">licenseModelListType</a>	0..1	Optional. See licenseModelListType.
simpleEntitlementList	<a href="#">entitlementListType</a>	0..1	Optional. See entitlementListType.
bulkEntitlementList	<a href="#">entitlementListType</a>	0..1	Optional. See entitlementListType.

### Referenced By

Name	Type
<a href="#">getStateChangeHistoryRequest</a>	Element
<a href="#">getStateChangeHistory</a>	Method


## Complex Type: getStateChangeHistoryResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">stateChangeResponseType</a>	0..1	See stateChangeResponseType.									

### Referenced By

Name	Type
<a href="#">getStateChangeHistoryResponse</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. See entitlementIdentifierType.

### Referenced By

Name	Type
<a href="#">getWebRegKeyCountRequest</a>	Element
<a href="#">getWebRegKeyCount</a>	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

Component	Type	Occurs	Description		
statusInfo	<a href="#">StatusInfoType</a>	1..1	Element	Data Type	Description
			status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</li></ul>

## Content Model

Component	Type	Occurs	Description									
			<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>	Element	Data Type	Description			the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">webRegKeyCountDataType</a>	0..1	See webRegKeyCountDataType.									

## Referenced By

Name	Type
<a href="#">getWebRegKeyCountResponse</a>	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	<a href="#">entitlementIdentifierType</a>	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 <b>pageNumber</b> to 2.
pageNumber	integer	1..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getWebRegKeysQueryRequest</a>	Element
<a href="#">getWebRegKeysQuery</a>	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

Component	Type	Occurs	Description		
statusInfo	<a href="#">StatusInfoType</a>	1..1	Element	Data Type	Description
			status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</li></ul>

## Content Model

Component	Type	Occurs	Description									
			<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>	Element	Data Type	Description			the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">webRegKeysDataListType</a>	0..1	See webRegKeysDataListType.									

## Referenced By

Name	Type
<a href="#">getWebRegKeysQueryResponse</a>	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 <b>name</b> 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	<a href="#">licenseGeneratorPKType</a>	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 <b>name</b> 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	<a href="#">licenseModelPKType</a>	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	<a href="#">licenseModelIdentifierType</a>	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 <b>name</b> 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	<a href="#">licenseModelIdentifierType</a>	1..1	See licenseModelIdentifierType.
stateChangeRecord	<a href="#">stateChangeDataType</a>	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	<a href="#">licenseModelStateChangeDataType</a>	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	<a href="#">licenseTechnologyPKType</a>	0..1	Database primary key of the license technology. See <a href="#">licenseTechnologyPKType</a> .

## 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 <b>name</b> 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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	See entitlementLineItemIdentifierType.
newLineItem	<a href="#">newEntitlementLineItemDataType</a>	1..1	<b>createdLineItemData</b> contains a <b>newLineItem</b> 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	<a href="#">SimpleQueryType</a>	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	<a href="#">lineItemCustomAttributeQueryType</a>	0..*	See <code>lineItemCustomAttributeQueryType</code> .

## 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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	Required. See entitlementLineItemIdentifierType.
lineItem	<a href="#">createEntitlementLineItemDataType</a>	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 <b>numberOfCopies</b> 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 upgraded 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	
<code>lineItemIdentifier</code>	<a href="#">entitlementLineItemIdentifierType</a>	1..1	Required. See <code>entitlementLineItemIdentifierType</code> .
<code>stateToSet</code>	<code>StateType</code>	1..1	Required. One of the following: <ul style="list-style-type: none"><li>• DRAFT</li><li>• DEPLOYED</li><li>• INACTIVE</li><li>• OBSOLETE</li></ul>
<code>includeChildItems</code>	<code>boolean</code>	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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	See entitlementLineItemIdentifierType.
maintenanceLineItemIdentifier	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">linkMaintenanceLineItemDataType</a>	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	
linkMaintenanceLineItem mList	<a href="#">linkMaintenanceLineItem ListType</a>	1..1	See linkMaintenanceLineItemListType.

### Referenced By

Name	Type
<a href="#">linkMaintenanceLineItemRequest</a>	Element
<a href="#">linkMaintenanceLineItem</a>	Method




## Complex Type: linkMaintenanceLinItemResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedLinkMaintenanceLineItem</a>	0..1	See failedLinkMaintenanceLineItem.									

### Referenced By

Name	Type
<a href="#">linkMaintenanceLinItemResponse</a>	Element


## Complex Type: maintenancelIdentifierType

### 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	<a href="#">maintenancePKType</a>	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	<a href="#">idType</a>	1..1	Required. See idType.
maintenanceProduct	<a href="#">productIdentifierType</a>	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	<a href="#">partNumberIdentifierType</a>	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 <b>term</b> or <b>expirationDate</b> . If false, set <b>term</b> or <b>expirationDate</b> , but not both. <ul style="list-style-type: none"> <li>If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>
parentLineItem	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	0..*	Supports linking the maintenance with multiple entitlement line items. See entitlementLineItemIdentifierType.
maintenanceLineItemAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See attributeDescriptorDataType.
state	StateType	0..1	One of the following: <ul style="list-style-type: none"><li>• TEST</li><li>• DRAFT</li><li>• DEPLOYED</li><li>• INACTIVE</li><li>• OBSOLETE</li></ul>

## 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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	See entitlementLineItemIdentifierType.
maintenanceProduct	<a href="#">productIdentifierType</a>	0..1	See productIdentifierType.
partNumber	<a href="#">partNumberIdentifierType</a>	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. <ul style="list-style-type: none"><li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li><li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li><li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li></ul>

## Content Model

Component	Type	Occurs	Description
state	StateType	0..1	One of the following: <ul style="list-style-type: none"><li>• DRAFT</li><li>• ACTIVE</li><li>• INACTIVE</li><li>• DEPLOYED</li><li>• OBSOLETE</li><li>• TEST</li><li>• ON_HOLD</li></ul>
maintenanceLineItemAttributes	<a href="#">attributeDescriptorDataType</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	See entitlementLineItemIdentifierType.
stateToSet	StateType	1..1	Required. One of the following: <ul style="list-style-type: none"><li>• DRAFT</li><li>• ACTIVE</li><li>• INACTIVE</li><li>• DEPLOYED</li><li>• OBSOLETE</li><li>• TEST</li><li>• ON_HOLD</li></ul>


## 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 <b>name</b> of the maintenance product.
version	string	1..1	The <b>version</b> 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	<a href="#">idListType</a>	1..1	Required. See idListType.
userAcct	string	0..1	Optional. User's account.

### Referenced By

Name	Type
<a href="#">mapEntitlementsToUserRequest</a>	Element
<a href="#">mapEntitlementsToUser</a>	Method


## Complex Type: mapEntitlementsToUserResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedMapEntitlementsToUserDataListType</a>	0..1	Information about the IDs that were not mapped to the user is listed in the failedData element. See failedMapEntitlementsToUserDataListType.									

### Referenced By

Name	Type
<a href="#">mapEntitlementsToUserResponse</a>	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	<a href="#">entitlementIdentifierType</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	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
<a href="#">mergeEntitlementsRequest</a>	Element
<a href="#">mergeEntitlements</a>	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	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

### Referenced By

Name	Type
<a href="#">mergeEntitlementsResponse</a>	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: 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	1..1	One of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>
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 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.



## 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	<a href="#">partNumberPKType</a>	0..1	Database primary key of the part number. See <a href="#">partNumberPKType</a> .


## 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	<a href="#">partNumberPKType</a>	0..1	Database primary key of the part number. See partNumberPKType.
licenseModel	<a href="#">licenseModelIdentifierType</a>	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 <b>partId</b> 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 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 node locked 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 node locked 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	<a href="#">policyDataType</a>	0..1	<b>rehostsPolicy</b> contains the following elements: <ul style="list-style-type: none"><li><b>allowedCount</b>—number of rehosts allowed per activatable item on this entitlement during the time period defined by the <b>policyTerm</b> element.</li><li><b>policyTerm</b>—see policyTermType.</li></ul>
returnsPolicy	<a href="#">policyDataType</a>	0..1	<b>returnsPolicy</b> contains the following elements: <ul style="list-style-type: none"><li><b>allowedCount</b>—number of returns allowed per activatable item on this entitlement during the time period defined by the <b>policyTerm</b> element.</li><li><b>policyTerm</b>—see policyTermType.</li></ul>
repairsPolicy	<a href="#">policyDataType</a>	0..1	<b>repairsPolicy</b> contains the following elements: <ul style="list-style-type: none"><li><b>allowedCount</b>—number of repairs allowed per activatable item on this entitlement during the time period defined by the <b>policyTerm</b> element.</li><li><b>policyTerm</b>—see policyTermType.</li></ul>
extraActivationsPolicy	<a href="#">extraActivationDataType</a>	0..1	See extraActivationDataType.
cancelLicensePolicy	<a href="#">cancelLicensePolicyDataType</a>	0..1	See cancelLicensePolicyDataType.
virtualLicensePolicy	<a href="#">virtualLicensePolicyDataType</a>	0..1	See virtualLicensePolicyDataType.
reinstallPolicy	<a href="#">reinstallPolicyDataType</a>	0..1	See reinstallPolicyDataType.
acpiGenerationIdLicensePolicy	<a href="#">acpiGenerationIdLicensePolicyDataType</a>	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 <b>policyTerm</b> element.
policyTerm	<a href="#">policyTermType</a>	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 <b>durationUnit</b> .
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: <ul style="list-style-type: none"><li>• DAYS</li><li>• WEEKS</li><li>• MONTHS</li><li>• YEARS</li></ul>

## 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	<a href="#">productPKType</a>	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	<a href="#">productIdentifierType</a>	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	<a href="#">productIdentifierType</a>	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 <b>name</b> of the product.
version	string	1..1	The <b>version</b> 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	<a href="#">productIdentifierType</a>	1..1	See productIdentifierType.
stateChangeRecord	<a href="#">stateChangeDataType</a>	0..*	See stateChangeDataType.

## Complex Type: productStateChangeListenerType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	<a href="#">productStateChangeDataType</a>	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	<a href="#">policyDataType</a>	0..1	<b>defaultPolicy</b> contains the following elements: <ul style="list-style-type: none"><li>• <b>allowedCount</b></li><li>• <b>policyTerm</b>—see policyDataType.</li></ul>
advancedPolicy	<a href="#">advancedReinstallPolicyType</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. See entitlementIdentifierType.
lineItemIdentifier	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">removeEntitlementLineItemDataType</a>	1..*	Required. A <b>removeEntitlementLineItemRequest</b> contains an array of <b>lineItemData</b> elements to be deleted. See <a href="#">removeEntitlementLineItemDataType</a> .

### Referenced By

Name	Type
<a href="#">removeEntitlementLineItemRequest</a>	Element
<a href="#">deleteEntitlementLineItem</a>	Method


## Complex Type: removeEntitlementLineItemResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedRemoveEntitlementLineItemDataListType</a>	0..1	Information about the entitlements that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedRemoveEntitlementLineItemDataListType</a> .									

### Referenced By

Name	Type
<a href="#">removeEntitlementLineItemResponse</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	See entitlementLineItemIdentifierType.
newLineItem	<a href="#">newEntitlementLineItemDataType</a>	1..1	<b>renewedLineItem</b> contains a <b>newLineItem</b> element. See newEntitlementLineItemDataType.

## 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	<a href="#">entitlementIdentifierType</a>	0..1	Optional. If not provided, the parent entitlement is inferred from the <b>parentLineItemIdentifier</b> in <b>renewLineItemDataType</b> . See <b>entitlementIdentifierType</b> .
renewLineItemData	<a href="#">renewLineItemDataType</a>	1..*	Required. See <b>renewLineItemDataType</b> .

## 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	<a href="#">renewEntitlementDataType</a>	0..*	Required. A renewEntitlementRequest contains an array of entitlementData elements. See renewEntitlementDataType.

### Referenced By

Name	Type
<a href="#">renewLicenseRequest</a>	Element
<a href="#">renewLicense</a>	Method


## Complex Type: renewEntitlementResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedRenewEntitlementDataListType</a>	0..1	Information about the entitlements that were not renewed is listed in the failedData element. See failedRenewEntitlementDataListType.									
responseData	<a href="#">createdRenewEntitlementDataListType</a>	0..1	Information about the entitlements that were renewed is listed in the responseData element. See createdRenewEntitlementDataListType.									

### Referenced By

Name	Type
<a href="#">renewLicenseResponse</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	Required. See entitlementLineItemIdentifierType.
renewParameters	<a href="#">renewParametersDataType</a>	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 <b>numberOfCopies</b> 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	<a href="#">idType</a>	1..1	Required. See idType.
isPermanent	boolean	0..1	<p>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 <b>term</b> or <b>expirationDate</b>. If false, set <b>term</b> or <b>expirationDate</b>, but not both.</p> <ul style="list-style-type: none"><li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li><li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li><li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li></ul>
expirationTerms	<a href="#">expirationTermsDataType</a>	0..1	See expirationTermsDataType.
numberOfCopies	integer	0..1	Number of copies entitled by this line item. Set if <b>isFull</b> 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	<p>At what point the start date is defined, where this is of the following values:</p> <ul style="list-style-type: none"> <li>• DEFINE_NOW</li> <li>• DEFINE_AT_FIRST_ACTIVATION</li> <li>• DEFINE_AT_EACH_ACTIVATION</li> <li>• DEFINE_ACTDATE_AT_FIRST_ACTIVATION</li> <li>• DEFINE_ACTDATE_AT_EACH_ACTIVATION</li> </ul> <p><b>Note:</b> If neither <i>startDate</i> or <i>startDateOption</i> are specified, the expiration date of the original entitlement is used.</p>
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 <b>versionDate</b> and set <b>versionDateAttributes</b> to DEFINE_NOW. In a license, this date is converted into the <b>Version Date Format</b> that is specified in the system configuration.
versionDateAttributes	<a href="#">versionDateAttributesType</a>	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	<a href="#">licenseModelIdentifierType</a>	0..1	<p>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).</p> <p>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.</p>

## Content Model

Component	Type	Occurs	Description
alternateLicenseModel 1	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 2	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">attributeDescriptorDataType</a>	0..1	Any entitlement-time attributes must be set before deployment of the entitlement. See attributeDescriptorDataType.
policyAttributes	<a href="#">policyAttributesListType</a>	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	<a href="#">attributeDescriptorDataType</a>	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	<a href="#">addEntitlementLineItemDataType</a>	1..*	See addEntitlementLineItemDataType.

### Referenced By

Name	Type
<a href="#">replaceEntitlementLineItemRequest</a>	Element
<a href="#">replaceEntitlementLineItem</a>	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	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedAddEntitlementLineItemDataListType</a>	0..1	See failedAddEntitlementLineItemDataListType.									
responseData	<a href="#">addedEntitlementLineItemDataListType</a>	0..1	See addedEntitlementLineItemDataListType.									

### Referenced By

Name	Type
<a href="#">replaceEntitlementLineItemResponse</a>	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	<a href="#">rolePKType</a>	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	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>parentBulkEntitlementId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—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.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
entitlementId	<a href="#">SimpleQueryType</a>	0..1	Optional. An <b>entitlementId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the entitlement ID value.</li><li>• <b>searchType</b>—one of the following simpleSearchType values.<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
activationId	<a href="#">SimpleQueryType</a>	0..1	

## Content Model

Component	Type	Occurs	Description
productName	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>productName</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the product name.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
productVersion	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>productVersion</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the product version.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
productType	ProductType	0..1	Optional. A <b>productType</b> element contains one of the following: <ul style="list-style-type: none"> <li>• LICENSED_PRODUCT</li> <li>• SUITE</li> <li>• MAINTENANCE. Since maintenance is not attached to a license model, if selected, turn off the LicenseModel and LicenseTechnology attributes from the response.</li> </ul>



## Content Model

Component	Type	Occurs	Description
partNumber	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>partNumber</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the part number.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
startDate	DateQueryType	0..1	Optional. A <b>startDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the start date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
isPermanent	boolean	0..1	Optional. Whether the entitlement, and therefore, the license activated from it, is permanent. <ul style="list-style-type: none"> <li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>

## Content Model

Component	Type	Occurs	Description
expirationDate	DateQueryType	0..1	Optional. An <b>expirationDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the expiration date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
versionDate	DateQueryType	0..1	Optional. An <b>versionDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the version date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
licenseTechnology	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>licenseTechnology</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the license technology.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
orderId	<a href="#">SimpleQueryType</a>	0..1	Optional. An <b>orderId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the order ID.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
orderLineNumber	<a href="#">SimpleQueryType</a>	0..1	Optional. Order line number from CRM or ERP system.
withNoOrderId	boolean	0..1	Optional. If true, return only activatable items with no order ID. <b>Note:</b> <i>Since this field is intended to return results without the specified attribute, setting this to false will have no effect on query results.</i>
restrictToItemsWithCount	boolean	0..1	Optional. If true, return only activatable items that have a non-zero remaining count. <b>Note:</b> <i>This field is intended to return results without the specified attribute. Therefore, setting this value to false will have no effect on query results.</i>
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	<a href="#">customAttributesQueryListType</a>	0..1	Optional. See customAttributesQueryListType.

## Content Model

Component	Type	Occurs	Description
soldTo	<a href="#">SimpleQueryType</a>	0..1	Optional. a <b>soldTo</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the the account that has the right to fulfill or distribute activation IDs from this entitlement.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
parentBulkEntSoldTo	<a href="#">SimpleQueryType</a>	0..1	A <b>parentBulkEntSoldTo</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the the account to which the bulk entitlement was sold.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values:: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul> <p><b>Note:</b> Not available for the operation <i>getActivatableItemsQuery</i>. For queries using this parameter, use the operation <i>getEntitlementLineItemPropertiesQuery</i>.</p>
activatableItemType	ActivatableItemType	0..1	One of the following: <ul style="list-style-type: none"> <li>• LINEITEM</li> <li>• WEBREGKEY</li> </ul>
allowPortalLogin	boolean	0..1	True if the entitlement ID can be used to log in to the self-service portal; otherwise, false.
accountUnitName	<a href="#">PartnerTierQueryType</a>	0..1	Optional. See PartnerTierQueryType.

## Content Model

Component	Type	Occurs	Description
currentOwnerName	<a href="#">SimpleQueryType</a>	0..1	<p>Optional. A <b>currentOwnerName</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the user name of the user who created the entitlement.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
lineItemParentLineItemId	<a href="#">SimpleQueryType</a>	0..1	<p>Optional. A <b>lineItemParentLineItemId</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the line item ID (activation ID) of a parent line item.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul> <p>Use <b>lineItemParentLineItemId</b> with:</p> <ul style="list-style-type: none"> <li>• getActivatableItemCount to return a count of immediate child line items of the parent line item</li> <li>• getActivatableItemsQuery to return immediate child line items of the parent line item.</li> <li>• getEntitlementLineItemPropertiesQuery to return a configurable set of properties of immediate child line items.</li> </ul>

## Content Model

Component	Type	Occurs	Description
createdOnDateTime	<a href="#">DateTimeQueryType</a>	0..1	Optional. A <b>createdOnDateTime</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date and time value to compare to the created date and time value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
lastModifiedDateTime	<a href="#">DateTimeQueryType</a>	0..1	Optional. A <b>lastModifiedDateTime</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date and time value to compare to the last modified date and time value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
lineItemAttributes	<a href="#">lineItemCustomAttributesQueryListType</a>	0..1	See lineItemCustomAttributesQueryListType.
sortBy	<a href="#">activatableItemsSortBy</a>	0..1	
isEmbeddedLicenseModel	boolean	0..1	

## 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	<a href="#">searchActivatableItemDataType</a>	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 <b>pageNumber</b> to 2.

### Referenced By

Name	Type
<a href="#">searchActivatableItemRequest</a>	Element
<a href="#">getActivatableItemsQuery</a>	Method


## Complex Type: searchActivatableItemResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
activatableItem	<a href="#">activatableItemDetailType</a>	0..*	See activatableItemDetailType.									

### Referenced By

Name	Type
<a href="#">searchActivatableItemResponse</a>	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	<a href="#">SimpleQueryType</a>	0..1	Optional. An <b>entitlementId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the entitlement ID.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
description	<a href="#">SimpleQueryType</a>	0..1	Brief description of the bulk entitlement.
productName	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>productName</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the product name.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
productVersion	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>productVersion</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the product version.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
productType	ProductType	0..1	Optional. A <b>productType</b> element contains one of the following: <ul style="list-style-type: none"> <li>• LICENSED_PRODUCT</li> <li>• SUITE</li> <li>• MAINTENANCE</li> </ul>
partNumber	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>partNumber</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the part number.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
soldTo	<a href="#">SimpleQueryType</a>	0..1	<p>Optional. A <b>soldTo</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the sold-to account.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul> <p>Deprecated in favor of the channelPartners element.</p>
shipToEmail	<a href="#">SimpleQueryType</a>	0..1	<p>Optional. A <b>shipToEmail</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the email address.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
shipToAddress	<a href="#">SimpleQueryType</a>	0..1	<p>Optional. A <b>shipToAddress</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the postal address.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
isPermanent	boolean	0..1	<p>Optional. Whether the entitlement, and therefore, the license activated from it, is permanent.</p> <ul style="list-style-type: none"> <li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>
expirationDate	DateQueryType	0..1	<p>Optional. A <b>expirationDate</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the expiration date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
createdOn	DateQueryType	0..1	<p>Optional. A <b>createdOn</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the creation date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
versionDate	DateQueryType	0..1	Optional. A <b>versionDate</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the version date value.</li><li>• <b>searchType</b>—one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul></li></ul>
lastModifiedDate	DateQueryType	0..1	Optional. A <b>lastModifiedDate</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the last modified date value.</li><li>• <b>searchType</b>—one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul></li></ul>
state	<a href="#">StateQueryType</a>	0..1	Optional. A <b>state</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a StateType value of TEST, DRAFT, DEPLOYED, INACTIVE, OBSOLETE to match part or all of the state value.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:</li><li>• STARTS_WITH<ul style="list-style-type: none"><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
licenseTechnology	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>licenseTechnology</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the license technology.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
createdUserId	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>createdUserId</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the user name of the user who created the entitlement.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
customAttributes	<a href="#">customAttributesQueryListType</a>	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	<a href="#">PartnerTierQueryType</a>	0..1	Optional. See PartnerTierQueryType.

## Content Model

Component	Type	Occurs	Description
currentOwnerName	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>currentOwnerName</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the user name of the user who created the entitlement.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## 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	<a href="#">SimpleQueryType</a>	0..1	Optional. An <b>entitlementId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the entitlement ID.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
entDescription	<a href="#">SimpleQueryType</a>	0..1	Optional. An <b>entDescription</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the product name.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>



## Content Model

Component	Type	Occurs	Description
productName	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>productName</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the product name.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
productVersion	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>productVersion</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the product version.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
productType	ProductType	0..1	Optional. A <b>productType</b> element contains one of the following: <ul style="list-style-type: none"> <li>• LICENSED_PRODUCT</li> <li>• SUITE</li> <li>• MAINTENANCE</li> </ul>

## Content Model

Component	Type	Occurs	Description
partNumber	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>partNumber</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the part number.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
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, <b>isBulk</b> defaults to false.
soldTo	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>soldTo</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the sold-to account.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
shipToEmail	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>shipToEmail</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the email address.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
contactEmail	<a href="#">SimpleQueryType</a>	0..1	
shipToAddress	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>shipToAddress</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the postal address.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
emailTemplateVariation	<a href="#">SimpleQueryType</a>	0..1	Optional. An <b>emailTemplateVariation</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the email template variation name.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
startDate	DateQueryType	0..1	Optional. A <b>startDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the start date value.</li> <li>• <b>searchType</b>—which is one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
isPermanent	boolean	0..1	Optional. Whether the entitlement, and therefore, the license activated from it, is permanent. <ul style="list-style-type: none"> <li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>
expirationDate	DateQueryType	0..1	Optional. A <b>expirationDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the expiration date value.</li> <li>• <b>searchType</b>—which is one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
createdOn	DateQueryType	0..1	Optional. A <b>createdOn</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the creation date value.</li> <li>• <b>searchType</b>—which is one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
versionDate	DateQueryType	0..1	Optional. A <b>versionDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the version date value.</li> <li>• <b>searchType</b>—which is one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
lastModifiedDate	DateQueryType	0..1	Optional. A <b>lastModifiedDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the last modified date value.</li> <li>• <b>searchType</b>—which is one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
description	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>description</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the description.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
state	<a href="#">StateQueryType</a>	0..1	Optional. See StateQueryType.
licenseTechnology	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>licenseTechnology</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the license technology.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
createdUserId	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>createdUserId</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the user name of the user who created the entitlement.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
accountUnitName	<a href="#">PartnerTierQueryType</a>	0..1	Optional. See <a href="#">PartnerTierQueryType</a> .
currentOwnerName	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>currentOwnerName</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the user name of the user who created the entitlement.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
maintStartDate	DateQueryType	0..1	Optional. A <b>maintStartDate</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the maintenance start date value.</li><li>• <b>searchType</b>—which is one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul></li></ul> <p>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.</p> <p>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.</p>

## Content Model

Component	Type	Occurs	Description
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.
maintExpirationDate	DateQueryType	0..1	Optional. A <b>maintExpirationDate</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the maintenance expiration date value.</li><li>• <b>searchType</b>—which is one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON.</li></ul></li></ul> 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	<a href="#">entCustomAttributesQueryListType</a>	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	<a href="#">searchActivatableItemDataType</a>	1..1	Required. See searchActivatableItemDataType. Leave this element blank to return all activatable line items.
entitlementLineItemResponseConfig	<a href="#">entitlementLineItemResponseConfigRequestType</a>	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 <b>pageNumber</b> to 2.

### Referenced By

Name	Type
<a href="#">searchEntitlementLineItemPropertiesRequest</a>	Element
<a href="#">getEntitlementLineItemPropertiesQuery</a>	Method


## Complex Type: searchEntitlementLineItemPropertiesResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
entitlementLineItem	<a href="#">entitlementLineItemPropertiesType</a>	0..*	See entitlementLineItemPropertiesType.									

### Referenced By

Name	Type
<a href="#">searchEntitlementLineItemPropertiesResponse</a>	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	<a href="#">searchMaintenanceLineItemDataType</a>	1..1	See searchMaintenanceLineItemDataType.
entitlementMaintenanceLineItemResponseConfig	<a href="#">entitlementMaintenanceLineItemResponseConfigRequestType</a>	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 <b>pageNumber</b> to 2.

### Referenced By

Name	Type
<a href="#">searchEntitlementMaintenanceLineItemPropertiesRequest</a>	Element
<a href="#">getEntitlementMaintenanceLineItemPropertiesQuery</a>	Method


## Complex Type: searchEntitlementMaintenanceLineItemPropertiesResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li></ul>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li></ul> PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li></ul> PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.										
reason	string	Gives reason for partial failure or failure.										
entitlementMaintenanceLineItem	<a href="#">entitlementMaintenanceLineItemPropertiesType</a>	0..*	See entitlementMaintenanceLineItemPropertiesType.									

### Referenced By

Name	Type
<a href="#">searchEntitlementMaintenanceLineItemPropertiesResponse</a>	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	<a href="#">searchEntitlementDataType</a>	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 <b>pageNumber</b> to 2.

### Referenced By

Name	Type
<a href="#">searchEntitlementRequest</a>	Element
<a href="#">getEntitlementsQuery</a>	Method


## Complex Type: searchEntitlementResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
entitlement	<a href="#">entitlementDataType</a>	0..*	See entitlementDataType.									

### Referenced By

Name	Type
<a href="#">searchEntitlementResponse</a>	Element


## Complex Type: searchMaintenanceLineItemType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
entitlementId	<a href="#">SimpleQueryType</a>	0..1	Optional. An <b>entitlementId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the entitlement ID.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
activationId	<a href="#">SimpleQueryType</a>	0..1	Optional. An <b>activationId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the product name.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
maintenanceProductName	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>maintenanceProductName</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the product name.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
maintenanceProductVersion	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>maintenanceProductVersion</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the product version.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
partNumber	<a href="#">SimpleQueryType</a>	0..1	Optional. A <b>partNumber</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the part number.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>



## Content Model

Component	Type	Occurs	Description
startDate	DateQueryType	0..1	Optional. A <b>startDate</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the start date value.</li><li>• <b>searchType</b>—which is one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul></li></ul>
isPermanent	boolean	0..1	Optional. Whether the entitlement, and therefore, the license activated from it, is permanent. <ul style="list-style-type: none"><li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li><li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li><li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li></ul>
expirationDate	DateQueryType	0..1	Optional. A <b>expirationDate</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the expiration date value.</li><li>• <b>searchType</b>—which is one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul></li></ul>
createdOnDateTime	<a href="#">DateTimeQueryType</a>	0..1	
lastModifiedDateTime	<a href="#">DateTimeQueryType</a>	0..1	

## Content Model

Component	Type	Occurs	Description
orderId	<a href="#">SimpleQueryType</a>	0..1	Optional. An <b>orderId</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the sold-to account.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
orderLineNumber	<a href="#">SimpleQueryType</a>	0..1	Optional. An <b>orderLineNumber</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the sold-to account.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
withNoOrderId	boolean	0..1	Optional. A <b>withNoOrderId</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the sold-to account.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
maintenanceLineItemAttributes	<a href="#">customAttributesQueryListType</a>	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	<a href="#">entitlementStateDataType</a>	1..*	Required. A setEntitlementState request contains an array of entitlement elements for which to change the state. See entitlementStateDataType.

### Referenced By

Name	Type
<a href="#">setEntitlementStateRequest</a>	Element
<a href="#">setEntitlementState</a>	Method


## Complex Type: setEntitlementStateResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedEntitlementStateDataListType</a>	0..1	Information about the entitlements whose state was not set is listed in the failedData element. See failedEntitlementStateDataListType.									

## Referenced By

Name	Type
<a href="#">setEntitlementStateResponse</a>	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	<a href="#">lineItemStateDataType</a>	1..*	Required. A <b>setLineItemState</b> request contains an array of <b>lineItem</b> elements for which to change the state. See lineItemStateDataType.

### Referenced By

Name	Type
<a href="#">setLineItemStateRequest</a>	Element
<a href="#">setLineItemState</a>	Method


## Complex Type: setLinItemStateResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedLinItemStateDataListType</a>	0..1	Information about the line items whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedLinItemStateDataListType</a> .									

### Referenced By

Name	Type
<a href="#">setLinItemStateResponse</a>	Element

## Complex Type: setMaintenanceLinItemStateRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLinItem	<a href="#">maintenanceLinItemStateDataType</a>	1..*	See maintenanceLinItemStateDataType.

### Referenced By

Name	Type
<a href="#">setMaintenanceLinItemStateRequest</a>	Element
<a href="#">setMaintenanceLinItemState</a>	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	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives the reason for the failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives the reason for the failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives the reason for the failure.										
failedMaintenanceData	<a href="#">failedMaintenanceLineItemStateDataListType</a>	0..1	See failedMaintenanceLineItemStateDataListType.									

### Referenced By

Name	Type
<a href="#">setMaintenanceLineItemStateResponse</a>	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	<a href="#">idType</a>	1..1	See idType.
lastModifiedDateTime	dateTime	0..1	The date and time the entitlement 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 <b>channelPartners</b> 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: <ul style="list-style-type: none"><li>• TEST</li><li>• DRAFT</li><li>• DEPLOYED</li><li>• INACTIVE</li><li>• OBSOLETE</li><li>• ON_HOLD</li></ul>
createdUserId	string	0..1	User name of the user who created this entitlement.
lineltems	<a href="#">entitlementLineltemDataType</a>	0..*	See entitlementLineltemDataType.
maintenanceLineltems	<a href="#">maintenanceLineltemDataType</a>	0..*	See maintenanceLineltemDataType.

## Content Model

Component	Type	Occurs	Description
channelPartners	<a href="#">channelPartnerDataListType</a>	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	<a href="#">attributeDescriptorDataType</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. Identifier (entitlement ID) of the original bulk entitlement that was the source of the split. See entitlementIdentifierType.
newBulkEntIdentifier	<a href="#">entitlementIdentifierType</a>	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	<a href="#">entitlementIdentifierType</a>	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	<a href="#">accountIdentifierType</a>	1..1	Required. The target account. See accountIdentifierType.
targetContact	<a href="#">userIdentifierType</a>	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	<a href="#">entitlementIdentifierType</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">splitBulkEntitlementInfoType</a>	1..*	Required. A <b>splitBulkEntitlementList</b> contains one or more <b>bulkEntitlementInfo</b> elements. See <b>splitBulkEntitlementInfoType</b> .

## 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	<a href="#">splitBulkEntitlementListType</a>	1..1	Required. See splitBulkEntitlementListType.

### Referenced By

Name	Type
<a href="#">splitBulkEntitlementRequest</a>	Element
<a href="#">splitBulkEntitlement</a>	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	<a href="#">splitBulkEntitlementDataType</a>	1..*	<b>responseData</b> contains one or more <b>splitBulkEntitlement</b> elements. See <a href="#">splitBulkEntitlementDataType</a> .


## Complex Type: splitBulkEntitlementResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">splitBulkEntitlementResponseListType</a>	0..1	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 splitBulkEntitlementResponseType.									
failedData	<a href="#">failedSplitBulkEntitlementListType</a>	0..1	Information about an entitlement line item that was not split is listed in the failedData element. See failedSplitBulkEntitlementListType.									

## Referenced By

Name	Type
<a href="#">splitBulkEntitlementResponse</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">entitlementIdentifierType</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	Required. The line item to split. See <a href="#">entitlementLineItemIdentifierType</a> .
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	<a href="#">accountIdentifierType</a>	1..1	The target account in the target tier. See <a href="#">accountIdentifierType</a> .
targetContact	<a href="#">userIdentifierType</a>	0..1	Optional. The user at the target account who you want to receive email messages about the result of this operation. See <a href="#">userIdentifierType</a> .
matchingLineItemIdentifier	<a href="#">entitlementLineItemIdentifierType</a>	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 <a href="#">entitlementLineItemIdentifierType</a> .

## 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	<a href="#">splitLineItemInfoType</a>	1..*	Required. A <b>lineItemList</b> contains one or more <b>lineItemInfo</b> 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	<a href="#">splitLineItemListType</a>	1..1	Required. See splitLineItemListType.

### Referenced By

Name	Type
<a href="#">splitLineItemRequest</a>	Element
<a href="#">splitLineItem</a>	Method

## Complex Type: splitLinItemResponseListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
splitLinItem	<a href="#">splitLinItemDataType</a>	1..*	<b>responseData</b> contains one or more <b>splitLinItem</b> elements. See splitLinItemDataType.




## Complex Type: splitLineItemResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">splitLineItemResponseListType</a>	0..1	Information about the entitlement line item that was split, and optionally the entitlement to which the split counts went, is listed in the <b>responseData</b> element. See <a href="#">splitLineItemResponseListType</a> .									
failedData	<a href="#">failedSplitLineItemListType</a>	0..1	Information about an entitlement line item that was not split is listed in the <b>failedData</b> element. See <a href="#">failedSplitLineItemListType</a> .									

Referenced By

Name	Type
<a href="#">splitLineItemResponse</a>	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	<a href="#">StateChangeEventType</a>	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	<a href="#">featureStateChangeListType</a>	0..1	Optional. See featureStateChangeListType.
featureBundleList	<a href="#">featureBundleStateChangeListType</a>	0..1	Optional. See featureBundleStateChangeListType.
productList	<a href="#">productStateChangeListType</a>	0..1	Optional. See productStateChangeListType.
licenseModelList	<a href="#">licenseModelStateChangeListType</a>	0..1	Optional. See licenseModelStateChangeListType.
simpleEntitlementList	<a href="#">entitlementStateChangeListType</a>	0..1	Optional. See entitlementStateChangeListType.
bulkEntitlementList	<a href="#">entitlementStateChangeListType</a>	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: <ul style="list-style-type: none"> <li>STARTS_WITH</li> <li>CONTAINS</li> <li>ENDS_WITH</li> <li>EQUALS</li> </ul>


## 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	<a href="#">suitePKType</a>	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 <b>name</b> of the suite.
version	string	1..1	The <b>version</b> 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	<a href="#">entitlementIdentifierType</a>	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.
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.
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: <ul style="list-style-type: none"><li>• 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.</li><li>• 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.</li></ul> 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	<a href="#">transferEntitlementInfoType</a>	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	<a href="#">transferEntitlementsListType</a>	1..1	Required. See transferEntitlementInfoType.

### Referenced By

Name	Type
<a href="#">transferEntitlementsRequest</a>	Element
<a href="#">transferEntitlement</a>	Method


## Complex Type: transferEntitlementsResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">transferredEntitlementsListType</a>	0..1	Information about the entitlements that were transferred is listed in the responseData element. See transferredEntitlementsListType.									
failedData	<a href="#">failedTransferEntitlementListType</a>	0..1	Information about the entitlements that were not added is listed in the failedData element. See failedTransferEntitlementListType.									

## Referenced By

Name	Type
<a href="#">transferEntitlementsResponse</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	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 <b>useSameActivationId</b> is false and you want assign a specific activation ID for the new line item. Set <b>generateActivationId</b> to false.
generateActivationId	boolean	0..1	Set to true if <b>useSameActivationId</b> is false and you want FlexNet Operations to generate an activation ID for the new line item. Do not set a <b>customActivationId</b> .
entitlementBelongsTo	<a href="#">entitlementIdentifierType</a>	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	<a href="#">transferLineItemInfoType</a>	1..*	Required. A <b>lineItemList</b> contains one or more <b>lineItemInfo</b> elements. See <b>transferLineItemInfoType</b> .

## 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	<a href="#">transferLineItemsListType</a>	1..1	Required. See transferLineItemsListType.

### Referenced By

Name	Type
<a href="#">transferLineItemsRequest</a>	Element
<a href="#">transferLineItem</a>	Method




## Complex Type: transferLineItemsResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">transferredLineItemsListType</a>	0..1	Information about the entitlements that were transferred is listed in the responseData element. See transferredLineItemsListType.									
failedData	<a href="#">failedTransferLineItemType</a>	0..1	Information about the entitlements that were not added is listed in the failedData element. See failedTransferLineItemType.									

Referenced By

Name	Type
<a href="#">transferLineItemsResponse</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Entitlement ID of the transferred entitlement. See entitlementIdentifierType.
lineItemIdentifierMap	<a href="#">transferredLineItemMapType</a>	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	<a href="#">transferredEntitlementDataType</a>	1..*	<b>responseData</b> contains one or more <b>transferredEntitlement</b> elements. See <b>transferredEntitlementDataType</b> .


## 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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	Identifier of the new line item. See entitlementLineItemIdentifierType.
transferredFromId	<a href="#">entitlementLineItemIdentifierType</a>	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: transferredLinItemListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
transferredLinItem	<a href="#">transferredLinItemDataType</a>	1..*	<b>responseData</b> contains one or more <b>transferredLinItem</b> elements. See <b>transferredLinItemDataType</b> .

## 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	<a href="#">trustedKeyPKType</a>	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 <b>keyName</b> 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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	The licensed product line item to be unlinked. See entitlementLineItemIdentifierType.
maintenanceLineItemIdentifier	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">unlinkMaintenanceLineItemDataType</a>	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	
unlinkMaintenanceLineItem	<a href="#">unlinkMaintenanceLineItem</a>	1..1	See unlinkMaintenanceLineItemRequestType.

### Referenced By

Name	Type
<a href="#">unlinkMaintenanceLineItemRequest</a>	Element
<a href="#">unlinkMaintenanceLineItem</a>	Method


## Complex Type: unlinkMaintenanceLinItemResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUnlinkMaintenanceLinItemListType</a>	0..1	See failedUnlinkMaintenanceLinItemListType.									

### Referenced By

Name	Type
<a href="#">unlinkMaintenanceLinItemResponse</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. See entitlementIdentifierType.
entitlementId	<a href="#">idType</a>	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 <b>channelPartners</b> element.
product	<a href="#">productIdentifierType</a>	0..1	Only need to specify if modifying value. See productIdentifierType.
partNumber	<a href="#">partNumberIdentifierType</a>	0..1	Only need to specify if modifying value. See partNumberIdentifierType.
licenseModel	<a href="#">licenseModelIdentifierType</a>	0..1	Only need to specify if modifying value. See licenseModelIdentifierType.
alternateLicenseModel 1	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 2	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">attributeDescriptorDataType</a>	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	<a href="#">policyAttributesListType</a>	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: <ul style="list-style-type: none"> <li>• DEFINE_AT_FIRST_ACTIVATION</li> <li>• DEFINE_AT_EACH_ACTIVATION</li> <li>• DEFINE_ACTDATE_AT_FIRST_ACTIVATION</li> <li>• DEFINE_ACTDATE_AT_EACH_ACTIVATION</li> </ul>
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 <b>term</b> or <b>expirationDate</b> . If false, set <b>term</b> or <b>expirationDate</b> , but not both. <ul style="list-style-type: none"> <li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li> <li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li> <li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li> </ul>

## Content Model

Component	Type	Occurs	Description
term	<a href="#">DurationType</a>	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 <a href="#">DurationType</a> . If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b> , 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 <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set <b>term</b> or <b>expirationDate</b> , 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 <b>versionDate</b> and set <b>versionDateAttributes</b> to <b>DEFINE_NOW</b> . In a license, this date is converted into the <b>Version Date Format</b> that is specified in the system configuration.
versionDateAttributes	<a href="#">versionDateAttributesType</a>	0..1	Only need to specify if modifying value. If any of the features in the product use date-based versions, set <b>versionDateAttributes</b> to reflect when and how you want to specify the version date. See <a href="#">versionDateAttributesType</a> .
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	<a href="#">updateEntitledProductDataListType</a>	0..1	See <a href="#">updateEntitledProductDataListType</a> .
channelPartners	<a href="#">channelPartnerDataListType</a>	0..1	Optional. Only need to specify if modifying value. The account in the specified tier will be added or replaced. See <a href="#">channelPartnerDataListType</a> .
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	<a href="#">updateBulkEntitlementDataType</a>	1..*	Required. An updateBulkEntitlementRequest contains a bulkEntitlement element. See updateBulkEntitlementDataType.

### Referenced By

Name	Type
<a href="#">updateBulkEntitlementRequest</a>	Element
<a href="#">updateBulkEntitlement</a>	Method


## Complex Type: updateBulkEntitlementResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateBulkEntitlementDataListType</a>	0..1	Information about the entitlements that were not updated is listed in the failedData element. See failedUpdateBulkEntitlementDataListType.									

### Referenced By

Name	Type
<a href="#">updateBulkEntitlementResponse</a>	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	<a href="#">entitledProductDataType</a>	0..*	See entitledProductDataType.
opType	CollectionOperationType	1..1	Required. Specify one of the following for each entitlement to be modified: <ul style="list-style-type: none"> <li>REPLACE</li> <li>ADD</li> <li>DELETE</li> </ul>

## 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	<a href="#">entitlementIdentifierType</a>	1..1	Required. See entitlementIdentifierType.
lineItemData	<a href="#">updateLineItemDataType</a>	0..*	See updateLineItemDataType.
maintenanceLineItemData	<a href="#">updateMaintenanceLineItemDataType</a>	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	<a href="#">updateEntitlementLineItemDataType</a>	1..*	Required. An updateEntitlementLineItemRequest contains a lineItemData element. See updateEntitlementLineItemDataType.

### Referenced By

Name	Type
<a href="#">updateEntitlementLineItemRequest</a>	Element
<a href="#">updateEntitlementLineItem</a>	Method


## Complex Type: updateEntitlementLineItemResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateEntitlementLineItemDataListType</a>	0..1	Information about the line items that were not updated is listed in the <b>failedData</b> element. See <a href="#">failedUpdateEntitlementLineItemDataListType</a> .									

### Referenced By

Name	Type
<a href="#">updateEntitlementLineItemResponse</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	Required. See entitlementLineItemIdentifierType.
activationId	<a href="#">idType</a>	0..1	Only need to specify if modifying value. See idType.
description	string	0..1	Optional description of the entitlement line item.
product	<a href="#">productIdentifierType</a>	0..1	Only need to specify if modifying value. See productIdentifierType.
partNumber	<a href="#">partNumberIdentifierType</a>	0..1	Only need to specify if modifying value. See partNumberIdentifierType.
licenseModel	<a href="#">licenseModelIdentifierType</a>	0..1	Only need to specify if modifying value. See licenseModelIdentifierType.
alternateLicenseModel 1	<a href="#">licenseModelIdentifierType</a>	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.
alternateLicenseModel 2	<a href="#">licenseModelIdentifierType</a>	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	<a href="#">attributeDescriptorDataType</a>	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	<a href="#">policyAttributesListType</a>	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: <ul style="list-style-type: none"><li>• DEFINE_NOW</li><li>• DEFINE_AT_FIRST_ACTIVATION</li><li>• DEFINE_AT_EACH_ACTIVATION</li><li>• DEFINE_ACTDATE_AT_FIRST_ACTIVATION</li><li>• DEFINE_ACTDATE_AT_EACH_ACTIVATION</li></ul>
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 <b>term</b> or <b>expirationDate</b> . If false, set either <b>term</b> or <b>expirationDate</b> . <ul style="list-style-type: none"><li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li><li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li><li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li></ul>



## Content Model

Component	Type	Occurs	Description
term	<a href="#">DurationType</a>	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 <a href="#">DurationType</a> . If <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set either <b>term</b> or <b>expirationDate</b> .
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 <b>isPermanent</b> is true, do not set <b>term</b> or <b>expirationDate</b> . If <b>isPermanent</b> is false, set either <b>term</b> or <b>expirationDate</b> .
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 <b>versionDate</b> and set <b>versionDateAttributes</b> to <b>DEFINE_NOW</b> . In a license, this date is converted into the <b>Version Date Format</b> that is specified in the system configuration.
versionDateAttributes	<a href="#">versionDateAttributesType</a>	0..1	Only need to specify if modifying value. If any of the features in the product use date-based versions, set <b>versionDateAttributes</b> to reflect when and how you want to specify the version date. See <a href="#">versionDateAttributesType</a> .
parentLineItem	<a href="#">entitlementLineItemIdentifierType</a>	0..1	Only need to specify if modifying value. See <a href="#">entitlementLineItemIdentifierType</a> .
updatedEntitledProducts	<a href="#">updateEntitledProductDataListType</a>	0..1	See <a href="#">updateEntitledProductDataListType</a> .
entitledProducts	<a href="#">entitledProductDataListType</a>	0..1	Deprecated. Use <code>updatedEntitledProducts[]</code> instead. See <a href="#">entitledProductDataListType</a> .
lineItemAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .

## Complex Type: updateMaintenanceLineItemType

### 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	<a href="#">entitlementLineItemIdentifierType</a>	1..1	Required. See entitlementLineItemIdentifierType.
activationId	<a href="#">idType</a>	0..1	Only need to specify if modifying value. See idType.
maintenanceProduct	<a href="#">productIdentifierType</a>	0..1	Only need to specify if modifying value. See productIdentifierType.
partNumber	<a href="#">partNumberIdentifierType</a>	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	<p>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 <b>term</b> or <b>expirationDate</b>. If false, set either <b>term</b> or <b>expirationDate</b>.</p> <ul style="list-style-type: none"><li>• If <b>isPermanent</b> is set to false, a query response will contain only expiring lineitem details.</li><li>• If <b>isPermanent</b> is set to true, a query response will contain only permanent lineitem details.</li><li>• If <b>isPermanent</b> is null (i.e. blank or not included in the query), a query response will contain both permanent and expiring lineitem details.</li></ul>

## Content Model

Component	Type	Occurs	Description
parentLineItem	<a href="#">entitlementLineItemIdentifierType</a>	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	<a href="#">attributeDescriptorDataType</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. See entitlementIdentifierType.
entitlementId	<a href="#">idType</a>	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	<a href="#">channelPartnerDataListType</a>	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	<a href="#">attributeDescriptorDataType</a>	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	<a href="#">updateSimpleEntitlementDataType</a>	1..*	Required. An <b>updateSimpleEntitlementRequest</b> contains a simpleEntitlement element. See updateSimpleEntitlementDataType.

### Referenced By

Name	Type
<a href="#">updateSimpleEntitlementRequest</a>	Element
<a href="#">updateSimpleEntitlement</a>	Method


## Complex Type: updateSimpleEntitlementResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateSimpleEntitlementDataListType</a>	0..1	Information about the entitlements that were not updated is listed in the <b>failedData</b> element. See <a href="#">failedUpdateSimpleEntitlementDataListType</a> .									

### Referenced By

Name	Type
<a href="#">updateSimpleEntitlementResponse</a>	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	<a href="#">userPKType</a>	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: <ul style="list-style-type: none"><li>• DEFINE_NOW</li><li>• USE_START_DATE</li><li>• USE_ACTIVATION_DATE</li><li>• DEFINE_VERSION_STARTDATE_LATER</li><li>• DEFINE_VERSION_DATE_LATER</li></ul>
duration	<a href="#">DurationType</a>	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	<b>VersionFormatType</b> of FIXED or DATE_BASED.
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>

## 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	<b>True</b> —Activation permitted on a virtual machine. <b>False</b> —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 <b>totalCount</b> 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	<a href="#">addWebRegKeyDataTy e</a>	1..*	<b>responseData</b> contains one or more <b>webRegKeyData</b> elements. See <b>addWebRegKeyDataType</b> .


## 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 <b>autoGenerate</b> 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 <b>autoGenerate</b> 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 <b>responseData</b> element contains a <b>webRegKeys</b> element that contains an array of <b>webRegKey</b> 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.

# Simple Types: EntitlementOrderServiceV5

## Simple Types

Name
<a href="#">StateChangeEventType</a>

Simple Type: StateChangeEventType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
EVENT_CREATED	
EVENT_PROPERTY_CHANGED	
EVENT_STATE_CHANGED	
EVENT_TRANSFERRED	

## Elements: EntitlementOrderServiceV5

### Elements

Name	Description
<a href="#">addWebRegKeyRequest</a>	An <b>addWebRegKeyRequest</b> message contains an element of addWebRegKeyRequestType.
<a href="#">addWebRegKeyResponse</a>	An <b>addWebRegKeyResponse</b> message contains an element of addWebRegKeyResponseType. Each web register key in the <b>addWebRegKeyRequest</b> is added as an atomic unit; adding each either succeeds or fails
<a href="#">createBulkEntitlementRequest</a>	A <b>createBulkEntitlementRequest</b> message contains an element of createBulkEntitlementRequestType.
<a href="#">createBulkEntitlementResponse</a>	A <b>createBulkEntitlementResponse</b> message contains an element of createBulkEntitlementResponseType. Each entitlement in the <b>createBulkEntitlementRequest</b> is added as an atomic unit; adding each either succeeds or fails.
<a href="#">createEntitlementLineItemRequest</a>	A <b>createEntitlementLineItemRequest</b> message contains an element of addOrReplaceEntitlementLineItemRequestType.
<a href="#">createEntitlementLineItemResponse</a>	A <b>createEntitlementLineItemResponse</b> message contains an element of addOrReplaceEntitlementLineItemResponseType. Each line in the <b>createEntitlementLineItemRequest</b> is added as an atomic unit; adding each either succeeds or fails.
<a href="#">createSimpleEntitlementRequest</a>	A <b>createSimpleEntitlementRequest</b> message contains an element of createSimpleEntitlementRequestType.
<a href="#">createSimpleEntitlementResponse</a>	A <b>createSimpleEntitlementResponse</b> message contains an element of createSimpleEntitlementResponseType. Each entitlement in the <b>createSimpleEntitlementRequest</b> is added as an atomic unit; adding each either succeeds or fails.
<a href="#">deleteEntitlementRequest</a>	A <b>deleteEntitlementRequest</b> message contains an element of deleteEntitlementRequestType.
<a href="#">deleteEntitlementResponse</a>	A <b>deleteEntitlementResponse</b> message contains an element of deleteEntitlementResponseType. Each entitlement in the <b>deleteEntitlementRequest</b> is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about entitlements that were deleted successfully.
<a href="#">deleteMaintenanceLineItemRequest</a>	A <b>deleteMaintenanceLineItemRequest</b> message contains an element of deleteMaintenanceLineItemRequestType.
<a href="#">deleteMaintenanceLineItemResponse</a>	A <b>deleteMaintenanceLineItemResponse</b> message contains an element of deleteMaintenanceLineItemResponseType. Each maintenance line item in the <b>deleteMaintenanceLineItemRequest</b> is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about line items that were deleted successfully
<a href="#">deleteWebRegKeyRequest</a>	A <b>deleteWebRegKeyRequest</b> message contains an element of deleteWebRegKeyRequestType.
<a href="#">deleteWebRegKeyResponse</a>	An <b>deleteWebRegKeyResponse</b> message contains an element of deleteWebRegKeyResponseType. Each web register key in the <b>deleteWebRegKeyRequest</b> is deleted as an atomic unit; deleting each either succeeds or fails.

## Elements

Name	Description
<a href="#">emailActivatableItemRequest</a>	An <b>emailActivatableItemRequest</b> message contains an element of emailActivatableItemRequestType.
<a href="#">emailActivatableItemResponse</a>	An <b>emailActivatableItemResponse</b> message contains an element of emailActivatableItemResponseType.
<a href="#">emailEntitlementRequest</a>	An <b>emailEntitlementRequest</b> message contains an element of emailEntitlementRequestType.
<a href="#">emailEntitlementResponse</a>	An <b>emailEntitlementResponse</b> message contains an element of emailEntitlementResponseType.
<a href="#">getActivatableItemCountRequest</a>	A <b>getActivatableItemCountRequest</b> message contains an element of getActivatableItemCountRequestType.
<a href="#">getActivatableItemCountResponse</a>	A <b>getActivatableItemCountResponse</b> message contains an element of getActivatableItemCountResponseType.
<a href="#">getBulkEntitlementCountRequest</a>	A <b>getBulkEntitlementCountRequest</b> message contains an element of getBulkEntitlementCountRequestType.
<a href="#">getBulkEntitlementCountResponse</a>	A <b>getBulkEntitlementCountResponse</b> message contains an element of getBulkEntitlementCountResponseType.
<a href="#">getBulkEntitlementPropertiesRequest</a>	A <b>getBulkEntitlementPropertiesRequest</b> message contains an element of getBulkEntitlementPropertiesRequestType.
<a href="#">getBulkEntitlementPropertiesResponse</a>	A <b>getBulkEntitlementQueryResponse</b> message contains an element of getBulkEntitlementQueryResponseType. <b>Note:</b> The <i>soldTo</i> element is supported for backwards compatibility in the response to this operation, and now the <i>channelPartners</i> element is also supported. Note, however, that the query parameters of the operation do not support the <i>channelPartners</i> element. <i>soldTo</i> or <i>parentBulkEntSoldTo</i> should still be used to specify an account in the query request or response.
<a href="#">getEntitlementAttributesRequest</a>	A <b>getEntitlementAttributesRequest</b> message contains an element of getEntitlementAttributesRequestType.
<a href="#">getEntitlementAttributesResponse</a>	A <b>getEntitlementAttributesResponse</b> message contains an element of getEntitlementAttributesResponseType.
<a href="#">getEntitlementCountRequest</a>	A <b>getEntitlementCountRequest</b> message contains an element of getEntitlementCountRequestType.
<a href="#">getEntitlementCountResponse</a>	A <b>getEntitlementCountResponse</b> message contains an element of getEntitlementCountResponseType.
<a href="#">getExactAvailableCountRequest</a>	A <b>getExactAvailableCountRequest</b> message contains an element of getExactAvailableCountRequestType.
<a href="#">getExactAvailableCountResponse</a>	A <b>getExactAvailableCountResponse</b> message contains an element of getExactAvailableCountResponseType.
<a href="#">getMatchingBulkEntsRequest</a>	A <b>getMatchingBulkEntsRequest</b> message contains an element of getMatchingBulkEntsRequestType.
<a href="#">getMatchingBulkEntsResponse</a>	A <b>getMatchingBulkEntsResponse</b> message contains an element of getMatchingBulkEntsResponseType.
<a href="#">getMatchingLineItemsRequest</a>	A <b>getMatchingLineItemsRequest</b> message contains an element of getMatchingLineItemsRequestType.

## Elements

Name	Description
<a href="#">getMatchingLineItemsResponse</a>	A <b>getMatchingLineItemsResponse</b> message contains an element of <code>getMatchingLineItemsResponseType</code> .
<a href="#">getStateChangeHistoryRequest</a>	A <b>getStateChangeHistoryRequest</b> message contains an element of <code>getStateChangeHistoryRequestType</code> .
<a href="#">getStateChangeHistoryResponse</a>	A <b>getStateChangeHistoryResponse</b> message contains an element of <code>getStateChangeHistoryResponseType</code> .
<a href="#">getWebRegKeyCountRequest</a>	A <b>getWebRegKeyCountRequest</b> message contains an element of <code>getWebRegKeyCountRequestType</code> .
<a href="#">getWebRegKeyCountResponse</a>	A <b>getWebRegKeyCountResponse</b> message contains an element of <code>getWebRegKeyCountResponseType</code> .
<a href="#">getWebRegKeysQueryRequest</a>	A <b>getWebRegKeysQueryRequest</b> message contains an element of <code>getWebRegKeysQueryRequestType</code> .
<a href="#">getWebRegKeysQueryResponse</a>	A <b>getWebRegKeysQueryResponse</b> message contains an element of <code>getWebRegKeysQueryResponseType</code> .
<a href="#">linkMaintenanceLineItemRequest</a>	A <b>linkMaintenanceLineItemRequest</b> message contains an element of <code>linkMaintenanceLineItemRequestType</code> .
<a href="#">linkMaintenanceLineItemResponse</a>	A <b>linkMaintenanceLineItemResponse</b> message contains an element of <code>linkMaintenanceLineItemResponseType</code> .
<a href="#">mapEntitlementsToUserRequest</a>	A <b>mapEntitlementsToUserRequest</b> message contains an element of <code>mapEntitlementsToUserRequestType</code> .
<a href="#">mapEntitlementsToUserResponse</a>	A <b>mapEntitlementsToUserResponse</b> message contains an element of <code>mapEntitlementsToUserResponseType</code> . Each ID in the <b>mapEntitlementsToUserRequest</b> is added as an atomic unit; adding each either succeeds or fails.
<a href="#">mergeEntitlementsRequest</a>	A <b>mergeEntitlementsRequest</b> message contains an element of <code>mergeEntitlementsRequestType</code> .
<a href="#">mergeEntitlementsResponse</a>	A <b>mergeEntitlementsResponse</b> message contains an element of <code>mergeEntitlementsResponseType</code> .
<a href="#">removeEntitlementLineItemRequest</a>	A <b>removeEntitlementLineItemRequest</b> message contains an element of <code>removeEntitlementLineItemRequestType</code> .
<a href="#">removeEntitlementLineItemResponse</a>	A <b>removeEntitlementLineItemResponse</b> message contains an element of <code>removeEntitlementLineItemResponseType</code> . Each line item in the <b>removeEntitlementLineItemRequest</b> is deleted as an atomic unit; deleting each either succeeds or fails. No specific information is returned about line items that were deleted successfully.
<a href="#">renewLicenseRequest</a>	A <b>renewLicenseRequest</b> message contains an element of <code>renewEntitlementRequestType</code> .
<a href="#">renewLicenseResponse</a>	A <b>renewLicenseResponse</b> message contains an element of <code>renewEntitlementResponseType</code> . Each entitlement in the <b>renewLicenseRequest</b> is renewed as an atomic unit; renewing each either succeeds or fails.
<a href="#">replaceEntitlementLineItemRequest</a>	A <b>replaceEntitlementLineItemRequest</b> message contains an element of <code>replaceOnlyEntitlementLineItemRequestType</code> .
<a href="#">replaceEntitlementLineItemResponse</a>	A <b>replaceEntitlementLineItemResponse</b> message contains an element of <code>replaceOnlyEntitlementLineItemResponseType</code> .

## Elements

Name	Description
<a href="#">searchActivatableItemRequest</a>	A <b>searchActivatableItemRequest</b> message contains an element of searchActivatableItemRequestType.
<a href="#">searchActivatableItemResponse</a>	A <b>searchActivatableItemResponse</b> message contains an element of searchActivatableItemResponseType. This operation will not return maintenance line items. <b>Note:</b> 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.
<a href="#">searchEntitlementLineItemPropertiesRequest</a>	A <b>searchEntitlementLineItemPropertiesRequest</b> message contains an element of searchEntitlementLineItemPropertiesRequestType.
<a href="#">searchEntitlementLineItemPropertiesResponse</a>	A <b>searchEntitlementLineItemPropertiesResponse</b> 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 <b>Note:</b> 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.
<a href="#">searchEntitlementMaintenanceLineItemPropertiesRequest</a>	A <b>searchEntitlementMaintenanceLineItemPropertiesRequest</b> message contains an element of searchEntitlementMaintenanceLineItemPropertiesRequestType.
<a href="#">searchEntitlementMaintenanceLineItemPropertiesResponse</a>	A <b>searchEntitlementMaintenanceLineItemPropertiesResponse</b> message contains an element of searchEntitlementMaintenanceLineItemPropertiesResponseType.
<a href="#">searchEntitlementRequest</a>	A <b>searchEntitlementRequest</b> message contains an element of searchEntitlementRequestType.
<a href="#">searchEntitlementResponse</a>	A <b>searchEntitlementResponse</b> message contains an element of searchEntitlementResponseType. <b>Note:</b> 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.
<a href="#">setEntitlementStateRequest</a>	A <b>setEntitlementStateRequest</b> message contains an element of setEntitlementStateRequestType.
<a href="#">setEntitlementStateResponse</a>	A <b>setEntitlementStateResponse</b> message contains an element of setEntitlementStateResponseType.
<a href="#">setLineItemStateRequest</a>	A <b>setLineItemStateRequest</b> message contains an element of setLineItemStateRequestType.
<a href="#">setLineItemStateResponse</a>	A <b>setLineItemStateResponse</b> message contains an element of setLineItemStateResponseType.
<a href="#">setMaintenanceLineItemStateRequest</a>	A <b>setMaintenanceLineItemStateRequest</b> message contains an element of setMaintenanceLineItemStateRequestType.

## Elements

Name	Description
<a href="#">setMaintenanceLineItemStateResponse</a>	A <b>setMaintenanceLineItemStateResponse</b> message contains an element of setMaintenanceLineItemStateResponseType.
<a href="#">splitBulkEntitlementRequest</a>	A <b>splitBulkEntitlementRequest</b> message contains an element of splitBulkEntitlementRequestType.
<a href="#">splitBulkEntitlementResponse</a>	A <b>splitBulkEntitlementResponse</b> message contains an element of splitBulkEntitlementResponseType.
<a href="#">splitLineItemRequest</a>	A <b>splitLineItemRequest</b> message contains an element of splitLineItemRequestType.
<a href="#">splitLineItemResponse</a>	A <b>splitLineItemResponse</b> message contains an element of splitLineItemResponseType.
<a href="#">transferEntitlementsRequest</a>	A <b>transferEntitlementsRequest</b> message contains an element of transferEntitlementsRequestType.
<a href="#">transferEntitlementsResponse</a>	A <b>transferEntitlementsResponse</b> message contains an element of transferEntitlementsResponseType. Each entitlement in the <b>transferEntitlementsRequest</b> is transferred as an atomic unit; transferring each either succeeds or fails.
<a href="#">transferLineItemsRequest</a>	A <b>transferLineItemsRequest</b> message contains an element of transferLineItemsRequestType.
<a href="#">transferLineItemsResponse</a>	A <b>transferLineItemsResponse</b> message contains an element of transferLineItemsResponseType. Each entitlement line item in the <b>transferLineItemsRequest</b> is transferred as an atomic unit; transferring each either succeeds or fails.
<a href="#">unlinkMaintenanceLineItemRequest</a>	An <b>unlinkMaintenanceLineItemRequest</b> message contains an element of unlinkMaintenanceLineItemRequestType.
<a href="#">unlinkMaintenanceLineItemResponse</a>	An <b>unlinkMaintenanceLineItemResponse</b> message contains an element of unlinkMaintenanceLineItemResponseType.
<a href="#">updateBulkEntitlementRequest</a>	An <b>updateBulkEntitlementRequest</b> message contains an element of updateBulkEntitlementRequestType.
<a href="#">updateBulkEntitlementResponse</a>	An <b>updateBulkEntitlementResponse</b> message contains an element of updateBulkEntitlementResponseType.
<a href="#">updateEntitlementLineItemRequest</a>	An <b>updateEntitlementLineItemRequest</b> message contains an element of updateEntitlementLineItemRequestType.
<a href="#">updateEntitlementLineItemResponse</a>	A <b>updateEntitlementLineItemResponse</b> message contains an element of updateEntitlementLineItemResponseType. Each entitlement in the <b>updateEntitlementLineItemRequest</b> is updated as an atomic unit; updating each either succeeds or fails.
<a href="#">updateSimpleEntitlementRequest</a>	An <b>updateSimpleEntitlementRequest</b> message contains an element of updateSimpleEntitlementRequestType.
<a href="#">updateSimpleEntitlementResponse</a>	A <b>updateSimpleEntitlementResponse</b> message contains an element of updateSimpleEntitlementResponseType. Each entitlement in the <b>updateSimpleEntitlementRequest</b> is updated as an atomic unit; updating each either succeeds or fails.
<a href="#">upgradeLicenseRequest</a>	An <b>upgradeLicenseRequest</b> message contains an element of EntitlementLifeCycleRequestType.



## Elements

Name	Description
<a href="#">upgradeLicenseResponse</a>	An <b>upgradeLicenseResponse</b> message contains an element of EntitlementLifeCycleResponseType. Each entitlement in the <b>upgradeLicenseRequest</b> is renewed as an atomic unit; upgrading each either succeeds or fails.
<a href="#">upsellLicenseRequest</a>	An <b>upsellLicenseRequest</b> message contains an element of EntitlementLifeCycleRequestType.
<a href="#">upsellLicenseResponse</a>	An <b>upsellLicenseResponse</b> message contains an element of EntitlementLifeCycleResponseType. Each entitlement in the <b>upsellLicenseRequest</b> 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	<a href="#">addWebRegKeyDataType</a>	1..*	Required. An <b>addWebRegKeyRequest</b> contains an array of <b>webRegKeyData</b> elements to be added. See <b>addWebRegKeyDataType</b> .
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
<a href="#">createWebRegKey</a>	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

Component	Type	Occurs	Description		
statusInfo	<a href="#">StatusInfoType</a>	1..1	Element	Data Type	Description
			status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• 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.</li><li>• PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</li></ul>

## Content Model

Component	Type	Occurs	Description									
			<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>	Element	Data Type	Description			the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">webRegKeyDataListType</a>	0..1	Information about the web register keys that were added is listed in the <b>responseData</b> element. See <a href="#">webRegKeyDataListType</a> . Not populated for asynchronous requests or for requests in which the web register keys are not autogenerated.									
failedData	<a href="#">failedAddWebRegKeyDataListType</a>	0..1	Information about the web register keys that were not added is listed in the <b>failedData</b> element. See <a href="#">failedAddWebRegKeyDataListType</a> . Not populated for asynchronous requests or for requests in which the web register keys are autogenerated.									

## Referenced By

Name	Type
<a href="#">createWebRegKey</a>	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	<a href="#">createBulkEntitlementData Type</a>	1..*	Required. A <b>createBulkEntitlementRequest</b> contains a <b>bulkEntitlement</b> element. See createBulkEntitlementDataType.

### Referenced By

Name	Type
<a href="#">createBulkEntitlement</a>	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>Modelocked Uncounted</name>
      </primaryKeys>
    </licenseModel>
    <licenseModelAttributes>
      <attribute>
        <attributeName>SERIAL_NUMBER</attributeName>
        <stringValue>test sno</stringValue>
      </attribute>
    </licenseModelAttributes>
  </bulkEntitlement>
</createBulkEntitlementRequest>
```

## 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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedBulkEntitlementDataListType</a>	0..1	Information about the entitlements that were not added is listed in the <b>failedData</b> element. See <a href="#">failedBulkEntitlementDataListType</a> .									



## Content Model

Component	Type	Occurs	Description
responseData	<a href="#">createdBulkEntitlementDataListType</a>	0..1	Information about the entitlements that were added is listed in the <b>responseData</b> element. See <a href="#">createdBulkEntitlementDataListType</a> .

## Referenced By

Name	Type
<a href="#">createBulkEntitlement</a>	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	<a href="#">addEntitlementLineItemDataType</a>	1..*	See addEntitlementLineItemDataType.
opType	CreateOrUpdateOperationType	0..1	<p>One of the following:</p> <ul style="list-style-type: none"><li>CREATE_OR_UPDATE</li><li>CREATE_OR_IGNORE</li></ul> <p><b>Note:</b> If the <b>opType</b> is specified as either <b>CREATE_OR_IGNORE</b> or <b>CREATE_OR_UPDATE</b>, then specifying the entitlement identifier is important. If the entitlement identified by the <b>entitlementIdentifier</b> is not found, then the response could be a <b>FAILURE</b>.</p> <p>If the <b>opType</b> is set to <b>CREATE_OR_UPDATE</b> and the line item identifier exists, the system will try to handle the request as an update. Updates to the <b>associatedLineItems</b> and <b>lineItemType</b> will be ignored.</p>

### Referenced By

Name	Type
<a href="#">createEntitlementLineItem</a>	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>
</linelItems>
<maintenanceLinelItems>
  <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>
  <parentLinelItem>
    <primaryKeys>
      <activationId>Ent-simple-test-1</activationId>
    </primaryKeys>
  </parentLinelItem>
  <!--Optional:-->
  <maintenanceLinelItemAttributes>
    <!--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>
  </maintenanceLinelItemAttributes>
</maintenanceLinelItems>
<autoDeploy>true</autoDeploy>
</linelItem>
```

## 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

Component	Type	Occurs	Description		
statusInfo	<a href="#">StatusInfoType</a>	1..1	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
			<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed.</li><li>• FAILURE—None of the items in the request were processed.</li></ul> If the <b>opType</b> is <b>CREATE_OR_IGNORE</b> , 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 <b>opType</b> is <b>CREATE_OR_UPDATE</b> , then the operation updates the line item if present, otherwise creates it. <b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.
			<b>reason</b>	string	Gives reason for partial failure or failure.

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedAddEntitlementLineItemDataListType</a>	0..1	See failedAddEntitlementLineItemDataListType.
responseData	<a href="#">addedEntitlementLineItemDataListType</a>	0..1	See addedEntitlementLineItemDataListType.

## Referenced By

Name	Type
<a href="#">createEntitlementLineItem</a>	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>
      <lineItemUniquelds>HID-220111</lineItemUniquelds>
      <maintenanceLineItemUniquelds>HID-220112</maintenanceLineItemUniquelds>
    </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	<a href="#">createSimpleEntitlementDataType</a>	1..*	Required. A <b>createSimpleEntitlementRequest</b> contains an array of <b>simpleEntitlement</b> elements to be added. See createSimpleEntitlementDataType.
opType	CreateOrUpdateOperationType	0..1	<p>One of the following:</p> <ul style="list-style-type: none"><li>CREATE_OR_UPDATE</li><li>CREATE_OR_IGNORE</li></ul> <p><b>Note:</b> If the <b>opType</b> is <b>CREATE_OR_UPDATE</b>, then the incoming request is split internally as a <b>createRequest</b> (containing all entitlements that need to be created) and an <b>updateRequest</b> (containing all entitlements that need to be updated). If there is even a single failure in the <b>createRequest</b>, the whole of the <b>createRequest</b> fails. If there is a single failure in the <b>updateRequest</b>, the whole of the <b>updateRequest</b> fails. However if the <b>createRequest</b> succeeds and <b>updateRequest</b> fails (or vice-versa) , the overall status is <b>PARTIAL_FAILURE</b>. The <b>FAILURE</b> case arises wherein both <b>createRequest</b> and <b>updateRequest</b> fail.</p> <p>If the <b>opType</b> is set to <b>CREATE_OR_UPDATE</b> 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.</p>

### Referenced By

Name	Type
<a href="#">createSimpleEntitlement</a>	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>
    </lineItems>
  </simpleEntitlement>
</createSimpleEntitlementRequest>
```

## XML Example

```
<numberOfCopies>10</numberOfCopies>
<expirationDate>2008-11-30</expirationDate>
</linelItems>
<maintenanceLinelItems>
  <!--Optional:-->
  <maintenanceLinelItemAttributes>
    <!--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>
  </maintenanceLinelItemAttributes>
</maintenanceLinelItems>
</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

Component	Type	Occurs	Description								
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>When the <b>opType</b> is either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b>, the Entitlement response and the Line Item response together result in the final response.<ul style="list-style-type: none"><li>Both the Entitlement response and the Line Item response must be a success for the final result to be a success.</li><li>If one is a success and the other is a failure, the final</li></ul></td></tr></table>			Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul> When the <b>opType</b> is either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b> , the Entitlement response and the Line Item response together result in the final response. <ul style="list-style-type: none"><li>Both the Entitlement response and the Line Item response must be a success for the final result to be a success.</li><li>If one is a success and the other is a failure, the final</li></ul>
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul> When the <b>opType</b> is either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b> , the Entitlement response and the Line Item response together result in the final response. <ul style="list-style-type: none"><li>Both the Entitlement response and the Line Item response must be a success for the final result to be a success.</li><li>If one is a success and the other is a failure, the final</li></ul>									

## Content Model

Component	Type	Occurs	Description									
			<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td></td><td></td><td><div>result is a failure.</div><ul style="list-style-type: none"><li>If one is a partial failure and one is a failure, the final result is a failure.</li></ul><div><b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</div></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description			<div>result is a failure.</div> <ul style="list-style-type: none"><li>If one is a partial failure and one is a failure, the final result is a failure.</li></ul> <div><b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</div>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		<div>result is a failure.</div> <ul style="list-style-type: none"><li>If one is a partial failure and one is a failure, the final result is a failure.</li></ul> <div><b>Note:</b> A line item request cannot succeed in the absence of an entitlement request.</div>										
<b>reason</b>	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedSimpleEntitlementDataListType</a>	0..1	Information about the entitlements that were not added is listed in the <b>failedData</b> element. See failedSimpleEntitlementDataListType.									
responseData	<a href="#">createdSimpleEntitlementDataListType</a>	0..1	Information about the entitlements that were added is listed in the <b>responseData</b> element. See createdSimpleEntitlementDataListType.									

## Referenced By

Name	Type
<a href="#">createSimpleEntitlement</a>	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	<a href="#">deleteEntitlementDataType</a>	1..*	Required. A <b>deleteEntitlementRequest</b> contains an array of <b>entitlement</b> elements to be deleted. See deleteEntitlementDataType.

### Referenced By

Name	Type
<a href="#">deleteEntitlement</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteEntitlementDataListType</a>	0..1	Information about the entitlements that were not deleted is listed in the failedData element. See failedDeleteEntitlementDataListType.									

## Referenced By

Name	Type
<a href="#">deleteEntitlement</a>	Method

## XML Example

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

```
<deleteEntitlementResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</deleteEntitlementResponse>
```



## Element: deleteMaintenanceLinItemRequest

### Description

A **deleteMaintenanceLinItemRequest** message contains an element of deleteMaintenanceLinItemRequestType.

### Derived By

Type [deleteMaintenanceLinItemRequestType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLinItemData	<a href="#">deleteMaintenanceLinItemDataType</a>	1..*	Required. A <b>deleteMaintenanceLinItemRequest</b> contains an array of maintenanceLinItemData elements to be deleted. See deleteMaintenanceLinItemDataType.

### Referenced By

Name	Type
<a href="#">deleteMaintenanceLinItem</a>	Method

### XML Example

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

```
<deleteMaintenanceLinItemRequest>
  <maintenanceLinItemData>
    <maintenanceLinItemIdentifier>
      <primaryKeys>
        <activationId>Ent-trans-1</activationId>
      </primaryKeys>
    </maintenanceLinItemIdentifier>
  </maintenanceLinItemData>
</deleteMaintenanceLinItemRequest>
```

## Element: deleteMaintenanceLineItemResponse

### Description

A **deleteMaintenanceLineItemResponse** message contains an element of deleteMaintenanceLineItemResponseType.


Each maintenance 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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteMaintenanceLineItemDataListType</a>	0..1	Information about the maintenance line items that were not deleted is listed in the failedData element. See failedDeleteMaintenanceLineItemDataListType.									

## Referenced By

Name	Type
<a href="#">deleteMaintenanceLineItem</a>	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	<a href="#">webRegKeysListType</a>	1..1	Required. A <b>deleteWebRegKeyRequest</b> contains a <b>webRegKeyList</b> element to be added. See webRegKeysListType.

### Referenced By

Name	Type
<a href="#">deleteWebRegKey</a>	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

Component	Type	Occurs	Description		
statusInfo	<a href="#">StatusInfoType</a>	1..1	Element	Data Type	Description
			status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</li></ul>

## Content Model

Component	Type	Occurs	Description									
			<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>	Element	Data Type	Description			the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteWebRegKeyListType</a>	0..1	Information about the web register keys that were not deleted is listed in the failedData element. See <a href="#">failedDeleteWebRegKeyListType</a> .									

## Referenced By

Name	Type
<a href="#">deleteWebRegKey</a>	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 <b>emailActivatableItemRequest</b> contains an <b>activationId</b> 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	<a href="#">emailContactListType</a>	0..1	See emailContactListType.
ccEmailIdList	<a href="#">emailContactListType</a>	0..1	
bccEmailIdList	<a href="#">emailContactListType</a>	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
<a href="#">emailActivatableItem</a>	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.

Component	Type	Occurs	Description									
SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Referenced By

Name	Type
<a href="#">emailActivatableItem</a>	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	<a href="#">entitlementIdentifierType</a>	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	<a href="#">emailContactListType</a>	0..1	See emailContactListType.
ccEmailIdList	<a href="#">emailContactListType</a>	0..1	
bccEmailIdList	<a href="#">emailContactListType</a>	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
<a href="#">emailEntitlement</a>	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.

Component	Type	Occurs	Description									
SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Referenced By

Name	Type
<a href="#">emailEntitlement</a>	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	<a href="#">searchActivatableItemDataType</a>	1..1	Required. See searchActivatableItemDataType. Leave this element blank to return all activatable line items.
restrictToItemsReadyToActivate	boolean	0..1	Optional. Only use for the <b>getActivatableItemCount</b> operation. Restricts the search to only items ready to activate.

### Referenced By

Name	Type
<a href="#">getActivatableItemCount</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
count	integer	0..1	Number of activatable items that matched the specified criteria.									

## Referenced By

Name	Type
<a href="#">getActivatableItemCount</a>	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	
bulkEntitlementSearch Criteria	<a href="#">searchBulkEntitlementData Type</a>	1..1	Required. See searchBulkEntitlementDataType. Leave this element blank to return all bulk entitlements.

### Referenced By

Name	Type
<a href="#">getBulkEntitlementCount</a>	Method

### XML Example

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

```
<getBulkEntitlementCountRequest>
  <queryParams>
    <licenseTechnology>
      <value>FLEXnet Licensing</value>
    </licenseTechnology>
    <searchType>EQUALS</searchType>
  </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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
count	integer	0..1	Number of bulk entitlements matching the specified criteria.									

## Referenced By

Name	Type
<a href="#">getBulkEntitlementCount</a>	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	<a href="#">searchBulkEntitlementDataType</a>	1..1	Required. See <a href="#">searchBulkEntitlementDataType</a> .
bulkEntitlementResponseConfig	<a href="#">bulkEntitlementResponseConfigRequestType</a>	1..1	See <a href="#">bulkEntitlementResponseConfigRequestType</a> .
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 <b>pageNumber</b> to 2.
pageNumber	integer	0..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getBulkEntitlementPropertiesQuery</a>	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>
  </bulkEntitlementResponseConfig>
  <batchSize>1</batchSize>
  <pageNumber>1</pageNumber>
</getBulkEntitlementPropertiesRequest>
```

## 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	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										



## Content Model

Component	Type	Occurs	Description
bulkEntitlement	<a href="#">bulkEntitlementPropertiesType</a>	0..*	See bulkEntitlementPropertiesType.

## Referenced By

Name	Type
<a href="#">getBulkEntitlementPropertiesQuery</a>	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>
  </bulkEntitlement>
</getBulkEntitlementPropertiesQueryResponse>
```

## 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>Modelocked 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	<a href="#">licenseModelIdentifierType</a>	1..1	Required. A <b>getEntitlementAttributesRequest</b> contains a <b>licenseModelIdentifier</b> element identifying the license model whose attributes to return. See licenseModelIdentifierType.

### Referenced By

Name	Type
<a href="#">getEntitlementAttributesFromModel</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
entitlementAttributes	<a href="#">attributeMetaDescriptorDataType</a>	0..1	A list of license model attributes that are set at entitlement time are contained in the <b>entitlementAttributes</b> element. See <b>attributeMetaDescriptorDataType</b> .									

## Content Model

Component	Type	Occurs	Description
policyAttributes	<a href="#">policyAttributesDataType</a>	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
<a href="#">getEntitlementAttributesFromModel</a>	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	<a href="#">searchEntitlementDataTy pe</a>	1..1	Required. See searchEntitlementDataType. Leave this element blank to return all entitlements.

### Referenced By

Name	Type
<a href="#">getEntitlementCount</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
count	integer	0..1	Number of entitlements matching the specified criteria.									



## Referenced By

Name	Type
<a href="#">getEntitlementCount</a>	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	<a href="#">entitlementLineItemIdentifierType</a>	0..1	Required. Identifies the line item for which you want an exact available count. See <a href="#">entitlementLineItemIdentifierType</a> .

### Referenced By

Name	Type
<a href="#">getExactAvailableCount</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
count	integer	0..1	The exact available count for the line item requested.									

## Referenced By

Name	Type
<a href="#">getExactAvailableCount</a>	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	<a href="#">getMatchingBulkEntsListType</a>	1..1	Required. See <a href="#">getMatchingBulkEntsListType</a> .

### Referenced By

Name	Type
<a href="#">getMatchingBulkEnts</a>	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.partner-tier-names.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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getMatchingBulkEntsResponseListType</a>	0..1	Information about bulk entitlements in the target account that match the bulk entitlement you plan to split is listed in the responseData element. See <a href="#">getMatchingBulkEntsResponseListType</a> .									

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedMatchingBulkEntsListType</a>	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
<a href="#">getMatchingBulkEnts</a>	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	<a href="#">getMatchingLineItemsListType</a>	1..1	Required. See getMatchingLineItemsListType.

### Referenced By

Name	Type
<a href="#">getMatchingLineItems</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getMatchingLineItemsResponseListType</a>	0..1	Information about entitlement line items in the target account that match the line item you plan to split is listed in the <b>responseData</b> element. See <b>getMatchingLineItemsResponseListType</b> .									

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedMatchingLineItemsListType</a>	0..1	Information about the entitlement line item that could not be matched to line items in the target account is in the <b>failedData</b> element. See Table <a href="#">failedMatchingLineItemsListType</a> .

## Referenced By

Name	Type
<a href="#">getMatchingLineItems</a>	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	<a href="#">featureListType</a>	0..1	Optional. See featureListType.
featureBundleList	<a href="#">featureBundleListType</a>	0..1	Optional. See featureBundleListType.
productList	<a href="#">productListType</a>	0..1	Optional. See productListType.
licenseModelList	<a href="#">licenseModelListType</a>	0..1	Optional. See licenseModelListType.
simpleEntitlementList	<a href="#">entitlementListType</a>	0..1	Optional. See entitlementListType.
bulkEntitlementList	<a href="#">entitlementListType</a>	0..1	Optional. See entitlementListType.

### Referenced By

Name	Type
<a href="#">getStateChangeHistory</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">stateChangeResponseType</a>	0..1	See stateChangeResponseType.									

## Referenced By

Name	Type
<a href="#">getStateChangeHistory</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. See <code>entitlementIdentifierType</code> .

### Referenced By

Name	Type
<a href="#">getWebRegKeyCount</a>	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

Component	Type	Occurs	Description		
statusInfo	<a href="#">StatusInfoType</a>	1..1	Element	Data Type	Description
			status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>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.</li><li>PARTIAL_FAILURE—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—If the request was synchronous, none of the web register keys in the request were processed successfully. If</li></ul>



## Content Model

Component	Type	Occurs	Description									
			<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>	Element	Data Type	Description			the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">webRegKeyCountDataType</a>	0..1	See webRegKeyCountDataType.									

## Referenced By

Name	Type
<a href="#">getWebRegKeyCount</a>	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	<a href="#">entitlementIdentifierType</a>	1..1	Required. Entitlement of the bulk entitlement into which the web register keys are loaded. Required. See <a href="#">entitlementIdentifierType</a> .
batchSize	integer	1..1	Required. Starts at 1. Say the <a href="#">getWebRegKeyCount</a> 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 <b>pageNumber</b> to 2.
pageNumber	integer	1..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getWebRegKeysQuery</a>	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

Component	Type	Occurs	Description		
statusInfo	<a href="#">StatusInfoType</a>	1..1	Element	Data Type	Description
			status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• <b>SUCCESS</b>—If the request was synchronous, all of the web register keys in the request were processed successfully. If the request was asynchronous, <b>SUCCESS</b> means that the import request of web register keys was scheduled; this does not necessarily mean that the request was processed successfully.</li><li>• <b>PARTIAL_FAILURE</b>—Some, but not all web register keys in the synchronous request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return <b>PARTIAL_FAILURE</b>.</li><li>• <b>FAILURE</b>—If the request was synchronous, none of the web register keys in the request were processed successfully. If</li></ul>

## Content Model

Component	Type	Occurs	Description									
			<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>	Element	Data Type	Description			the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
		the request was asynchronous, FAILURE means that the import request of web register keys was not scheduled.										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">webRegKeysDataListType</a>	0..1	See webRegKeysDataListType.									

## Referenced By

Name	Type
<a href="#">getWebRegKeysQuery</a>	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: linkMaintenanceLinItemRequest

Description

A **linkMaintenanceLinItemRequest** message contains an element of linkMaintenanceLinItemRequestType.

Derived By

Type [linkMaintenanceLinItemRequestType](#)

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
linkMaintenanceLinItem mList	<a href="#">linkMaintenanceLinItem ListType</a>	1..1	See linkMaintenanceLinItemListType.

Referenced By

Name	Type
<a href="#">linkMaintenanceLinItem</a>	Method

XML Example

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

```
<linkMaintenanceLinItemRequest>
  <linkMaintenanceLinItemList>
    <!--1 or more repetitions:-->
    <linkMaintenanceLinItem>
      <linItemIdentifier>
        <!--Optional:-->
        <uniqueId>?</uniqueId>
        <!--Optional:-->
        <primaryKeys>
          <activationId>?</activationId>
        </primaryKeys>
      </linItemIdentifier>
      <maintenanceLinItemIdentifier>
        <!--Optional:-->
        <uniqueId>?</uniqueId>
        <!--Optional:-->
        <primaryKeys>
          <activationId>?</activationId>
        </primaryKeys>
      </maintenanceLinItemIdentifier>
    </linkMaintenanceLinItem>
  </linkMaintenanceLinItemList>
</linkMaintenanceLinItemRequest>
```

## Element: linkMaintenanceLinItemResponse

### Description


A **linkMaintenanceLinItemResponse** message contains an element of linkMaintenanceLinItemResponseType.

### Derived By

Type [linkMaintenanceLinItemResponseType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedLinkMaintenanceLineItem</a>	0..1	See failedLinkMaintenanceLineItem.									

Referenced By

Name	Type
<a href="#">linkMaintenanceLineItem</a>	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	<a href="#">idListType</a>	1..1	Required. See idListType.
userAcct	string	0..1	Optional. User's account.

### Referenced By

Name	Type
<a href="#">mapEntitlementsToUser</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedMapEntitlementsToUserDataListType</a>	0..1	Information about the IDs that were not mapped to the user is listed in the failedData element. See failedMapEntitlementsToUserDataListType.									

## Referenced By

Name	Type
<a href="#">mapEntitlementsToUser</a>	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
<a href="#">mergeEntitlements</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Referenced By

Name	Type
<a href="#">mergeEntitlements</a>	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	<a href="#">removeEntitlementLineItemDataType</a>	1..*	Required. A <b>removeEntitlementLineItemRequest</b> contains an array of <b>lineItemData</b> elements to be deleted. See removeEntitlementLineItemDataType.

### Referenced By

Name	Type
<a href="#">deleteEntitlementLineItem</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedRemoveEntitlementLineItemDataListType</a>	0..1	Information about the entitlements that were not deleted is listed in the <b>failedData</b> element. See <a href="#">failedRemoveEntitlementLineItemDataListType</a> .									



## Referenced By

Name	Type
<a href="#">deleteEntitlementLineItem</a>	Method

## XML Example

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

```
<removeEntitlementLineItemResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</removeEntitlementLineItemResponse>
```

## 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	<a href="#">renewEntitlementDataType</a>	0..*	Required. A <b>renewEntitlementRequest</b> contains an array of <b>entitlementData</b> elements. See <b>renewEntitlementDataType</b> .

### Referenced By

Name	Type
<a href="#">renewLicense</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedRenewEntitlementDataListType</a>	0..1	Information about the entitlements that were not renewed is listed in the failedData element. See failedRenewEntitlementDataListType.									
responseData	<a href="#">createdRenewEntitlementDataListType</a>	0..1	Information about the entitlements that were renewed is listed in the responseData element. See createdRenewEntitlementDataListType.									

## Referenced By

Name	Type
<a href="#">renewLicense</a>	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	<a href="#">addEntitlementLineItemDataType</a>	1..*	See addEntitlementLineItemDataType.

### Referenced By

Name	Type
<a href="#">replaceEntitlementLineItem</a>	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>Modelocked Uncounted</name>
        </primaryKeys>
      </licenseModel>
      <licenseModelAttributes>
        <attribute>
          <attributeName>NOTICE</attributeName>
          <stringValue>n</stringValue>
        </attribute>
      </attribute>
    </lineItems>
  </lineItem>
</replaceEntitlementLineItemRequest>
```

## XML Example

```

        <attributeName>SERIAL_NUMBER</attributeName>
        <stringValue>sn</stringValue>
    </attribute>
</licenseModelAttributes>
<numberOfCopies>10</numberOfCopies>
<isPermanent>true</isPermanent>
</linelItems>
<maintenanceLinelItems>
    <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>
    <parentLinelItem>
        <primaryKeys>
            <activationId>Ent-replace-3</activationId>
        </primaryKeys>
    </parentLinelItem>
<!--Optional:-->
<maintenanceLinelItemAttributes>
    <!--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>
</maintenanceLinelItemAttributes>
</maintenanceLinelItems>
</linelItem>
</replaceEntitlementLinelItemRequest>

```

## 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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedAddEntitlementLineItemDataListType</a>	0..1	See failedAddEntitlementLineItemDataListType.									
responseData	<a href="#">addedEntitlementLineItemDataListType</a>	0..1	See addedEntitlementLineItemDataListType.									

Referenced By

Name	Type
<a href="#">replaceEntitlementLineItem</a>	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>
      <lineItemUniquelds>HID-220113</lineItemUniquelds>
      <maintenanceLineItemUniquelds>HID-220114
        </maintenanceLineItemUniquelds>
    </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	<a href="#">searchActivatableItemDataTaType</a>	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 <b>pageNumber</b> to 2.

### Referenced By

Name	Type
<a href="#">getActivatableItemsQuery</a>	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	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Content Model

Component	Type	Occurs	Description
activatableItem	<a href="#">activatableItemDetailType</a> <a href="#">e</a>	0..*	See activatableItemDetailType.

## Referenced By

Name	Type
<a href="#">getActivatableItemsQuery</a>	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>
      </policyAttributes>
    </activatableItemData>
  </activatableItem>
</searchActivatableItemResponse>
```

## 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: searchEntitlementLinItemPropertiesRequest

### Description

A **searchEntitlementLinItemPropertiesRequest** message contains an element of **searchEntitlementLinItemPropertiesRequestType**.

### Derived By

Type [searchEntitlementLinItemPropertiesRequestType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	<a href="#">searchActivatableItemDataType</a>	1..1	Required. See <a href="#">searchActivatableItemDataType</a> . Leave this element blank to return all activatable line items.
entitlementLinItemResponseConfig	<a href="#">entitlementLinItemResponseConfigRequestType</a>	1..1	See <a href="#">entitlementLinItemResponseConfigRequestType</a> .
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 <b>pageNumber</b> to 2.

### Referenced By

Name	Type
<a href="#">getEntitlementLinItemPropertiesQuery</a>	Method

### XML Example

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

```
<searchEntitlementLinItemPropertiesRequest>
  <EntitlementLinItemSearchCriteria>
  </EntitlementLinItemSearchCriteria>
  <EntitlementLinItemResponseConfig>
    <id>1</id>
    <activationId>1</activationId>
    <description>1</description>
    <state>1</state>
    <EntitlementLinItemType>1</EntitlementLinItemType>
    <orderId>1</orderId>
    <orderLineNumber>1</orderLineNumber>
    <entitlementId>1</entitlementId>
    <soldTo>1</soldTo>
    <entitlementState>1</entitlementState>
    <entitlementDescription>1</entitlementDescription>
  </EntitlementLinItemResponseConfig>
</searchEntitlementLinItemPropertiesRequest>
```

## 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

Component	Type	Occurs	Description									
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
entitlementLinItem	<a href="#">entitlementLinItemPropertiesType</a>	0..*	See entitlementLinItemPropertiesType.									

## Referenced By

Name	Type
<a href="#">getEntitlementLinItemPropertiesQuery</a>	Method

## XML Example

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

```
<searchEntitlementLinItemPropertiesResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <EntitlementLinItem>
    <Id>220076</Id>
  </EntitlementLinItem>
</searchEntitlementLinItemPropertiesResponse>
```



## 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: searchEntitlementMaintenanceLinItemPropertiesRequest

### Description

A **searchEntitlementMaintenanceLinItemPropertiesRequest** message contains an element of **searchEntitlementMaintenanceLinItemPropertiesRequestType**.

### Derived By

Type [searchEntitlementMaintenanceLinItemPropertiesRequestType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	<a href="#">searchMaintenanceLinItemDataType</a>	1..1	See <a href="#">searchMaintenanceLinItemDataType</a> .
entitlementMaintenanceLinItemResponseConfig	<a href="#">entitlementMaintenanceLinItemResponseConfigRequestType</a>	1..1	See <a href="#">entitlementMaintenanceLinItemResponseConfigRequestType</a> .
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 <b>pageNumber</b> to 2.

### Referenced By

Name	Type
<a href="#">getEntitlementMaintenanceLinItemPropertiesQuery</a>	Method

### XML Example

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

```
<searchEntitlementMaintenanceLinItemPropertiesRequest>
  <queryParams>
    <activationId>
      <value>MaintForKasperskySuite</value>
      <searchType>STARTS_WITH</searchType>
    </activationId>
    <isPermanent>true</isPermanent>
  </queryParams>
  <entitlementMaintenanceLinItemResponseConfig>
    <activationId>true</activationId>
    <state>true</state>
    <entitlementId>true</entitlementId>
    <maintenanceProduct>true</maintenanceProduct>
    <startDate>true</startDate>
    <isPermanent>true</isPermanent>
  </entitlementMaintenanceLinItemResponseConfig>
</searchEntitlementMaintenanceLinItemPropertiesRequest>
```

## XML Example

```
<expirationDate>true</expirationDate>
<createdOnDateTime>true</createdOnDateTime>
<maintenanceLineItemAttributes>true</maintenanceLineItemAttributes>
<linkedEntitlementLineItem>true</linkedEntitlementLineItem>
</entitlementMaintenanceLineItemResponseConfig>
<batchSize>5</batchSize>
<pageNumber>1</pageNumber>
</searchEntitlementMaintenanceLineItemPropertiesRequest>
```

## Element: searchEntitlementMaintenanceLinItemPropertiesResponse

### Description


A **searchEntitlementMaintenanceLinItemPropertiesResponse** message contains an element of **searchEntitlementMaintenanceLinItemPropertiesResponseType**.

### Derived By

Type [searchEntitlementMaintenanceLinItemPropertiesResponseType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li></ul>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li></ul> PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li></ul> PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.										
reason	string	Gives reason for partial failure or failure.										
entitlementMaintenanceLinItem	<a href="#">entitlementMaintenanceLinItemPropertiesType</a>	0..*	See entitlementMaintenanceLinItemPropertiesType.									

## Referenced By

Name	Type
<a href="#">getEntitlementMaintenanceLineItemPropertiesQuery</a>	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	<a href="#">searchEntitlementDataType</a>	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 <b>pageNumber</b> to 2.

### Referenced By

Name	Type
<a href="#">getEntitlementsQuery</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
entitlement	<a href="#">entitlementDataType</a>	0..*	See entitlementDataType.									

## Referenced By

Name	Type
<a href="#">getEntitlementsQuery</a>	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>
        </licenseTechnology>
      </lineItems>
    </simpleEntitlement>
  </entitlement>
</searchEntitlementResponse>
```



## 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	<a href="#">entitlementStateDataType</a>	1..*	Required. A setEntitlementState request contains an array of entitlement elements for which to change the state. See entitlementStateDataType.

### Referenced By

Name	Type
<a href="#">setEntitlementState</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedEntitlementStateDataListType</a>	0..1	Information about the entitlements whose state was not set is listed in the failedData element. See failedEntitlementStateDataListType.									

## Referenced By

Name	Type
<a href="#">setEntitlementState</a>	Method

## XML Example

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

```
<setEntitlementStateResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</setEntitlementStateResponse>
```

## Element: setLinItemStateRequest

### Description

A **setLinItemStateRequest** message contains an element of setLinItemStateRequestType.

### Derived By

Type [setLinItemStateRequestType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
linItem	<a href="#">linItemStateDataType</a>	1..*	Required. A <b>setLinItemState</b> request contains an array of <b>linItem</b> elements for which to change the state. See linItemStateDataType.

### Referenced By

Name	Type
<a href="#">setLinItemState</a>	Method

### XML Example

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

```
<setLinItemStateRequest>
  <linItem>
    <linItemIdentifier>
      <primaryKeys>
        <activationId>Ent_basic_b_1</activationId>
      </primaryKeys>
    </linItemIdentifier>
    <stateToSet>DRAFT</stateToSet>
    <includeChildItems>false</includeChildItems>
  </linItem>
</setLinItemStateRequest>
```

## Element: setLinItemStateResponse

### Description

A **setLinItemStateResponse** message contains an element of setLinItemStateResponseType.

### Derived By

Type [setLinItemStateResponseType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedLinItemStateDataListType</a>	0..1	Information about the line items whose state was not set is listed in the <b>failedData</b> element. See <a href="#">failedLinItemStateDataListType</a> .									

## Referenced By

Name	Type
<a href="#">setLineItemState</a>	Method

## XML Example

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

```
<setLineItemStateResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</setLineItemStateResponse>
```

## Element: setMaintenanceLinItemStateRequest

### Description

A **setMaintenanceLinItemStateRequest** message contains an element of setMaintenanceLinItemStateRequestType.

### Derived By

Type [setMaintenanceLinItemStateRequestType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
maintenanceLinItem	<a href="#">maintenanceLinItemStateDataType</a>	1..*	See maintenanceLinItemStateDataType.

### Referenced By

Name	Type
<a href="#">setMaintenanceLinItemState</a>	Method

### XML Example

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

```
<setMaintenanceLinItemStateRequest>
  <maintenanceLinItem>
    <linItemIdentifier>
      <uniqueId>HID-111373</uniqueId>
      <primaryKeys>
        <activationId>ActivationID-Parent-TestRF007_1</activationId>
      </primaryKeys>
    </linItemIdentifier>
    <stateToSet>DEPLOYED</stateToSet>
  </maintenanceLinItem>
</setMaintenanceLinItemStateRequest>
```



## Element: setMaintenanceLinItemStateResponse

### Description


A **setMaintenanceLinItemStateResponse** message contains an element of **setMaintenanceLinItemStateResponseType**.

### Derived By

Type [setMaintenanceLinItemStateResponseType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives the reason for the failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives the reason for the failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives the reason for the failure.										
failedMaintenanceData	<a href="#">failedMaintenanceLineItemStateDataListType</a>	0..1	See failedMaintenanceLineItemStateDataListType.									

### Referenced By

Name	Type
<a href="#">setMaintenanceLinItemState</a>	Method

### XML Example

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

```
<setMaintenanceLinItemStateResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</setMaintenanceLinItemStateResponse>
```

## 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	<a href="#">splitBulkEntitlementListType</a>	1..1	Required. See splitBulkEntitlementListType.

Referenced By

Name	Type
<a href="#">splitBulkEntitlement</a>	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>
    </bulkEntitlementInfo>
    <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>
  </bulkEntitlementList>
</splitBulkEntitlementRequest>
```

## 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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">splitBulkEntitlementResponseListType</a>	0..1	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 splitBulkEntitlementResponseType.									

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedSplitBulkEntitlementListType</a>	0..1	Information about an entitlement line item that was not split is listed in the failedData element. See failedSplitBulkEntitlementListType.

## Referenced By

Name	Type
<a href="#">splitBulkEntitlement</a>	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: splitLinItemRequest

### Description

A **splitLinItemRequest** message contains an element of splitLinItemRequestType.

### Derived By

Type [splitLinItemRequestType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
linItemList	<a href="#">splitLinItemListType</a>	1..1	Required. See splitLinItemListType.

### Referenced By

Name	Type
<a href="#">splitLinItem</a>	Method

### XML Example

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

```
<splitLinItemRequest>
  <linItemList>
    <linItemInfo>
      <linItemIdentifier>
        <primaryKeys>
          <activationId>se-split-1</activationId>
        </primaryKeys>
      </linItemIdentifier>
      <numberOfCopies>15</numberOfCopies>
      <targetTierName>bo.constants.partnerTierNames.endcustomer</targetTierName>
      <targetAccountUnit>
        <primaryKeys>
          <name>ORG2</name>
        </primaryKeys>
      </targetAccountUnit>
      <matchingLinItemIdentifier>
        <primaryKeys>
          <activationId>se-match-1</activationId>
        </primaryKeys>
      </matchingLinItemIdentifier>
    </linItemInfo>
  </linItemList>
</splitLinItemRequest>
```

## 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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">splitLineItemResponseListType</a>	0..1	Information about the entitlement line item that was split, and optionally the entitlement to which the split counts went, is listed in the <b>responseData</b> element. See splitLineItemResponseListType.									

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedSplitLineItemListType</a>	0..1	Information about an entitlement line item that was not split is listed in the <b>failedData</b> element. See <a href="#">failedSplitLineItemType</a> .

## Referenced By

Name	Type
<a href="#">splitLineItem</a>	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	<a href="#">transferEntitlementsListType</a>	1..1	Required. See transferEntitlementInfoType.

### Referenced By

Name	Type
<a href="#">transferEntitlement</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">transferredEntitlementsListType</a>	0..1	Information about the entitlements that were transferred is listed in the responseData element. See transferredEntitlementsListType.									

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedTransferEntitlementListType</a>	0..1	Information about the entitlements that were not added is listed in the failedData element. See failedTransferEntitlementListType.

## Referenced By

Name	Type
<a href="#">transferEntitlement</a>	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: transferLinItemsRequest

### Description

A **transferLinItemsRequest** message contains an element of transferLinItemsRequestType.

### Derived By

Type [transferLinItemsRequestType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
linItemList	<a href="#">transferLinItemsListType</a>	1..1	Required. See transferLinItemsListType.

### Referenced By

Name	Type
<a href="#">transferLinItem</a>	Method

### XML Example

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

```
<transferLinItemsRequest>
  <linItemList>
    <linItemInfo>
      <linItemIdentifier>
        <primaryKeys>
          <activationId>Ent-trans-1</activationId>
        </primaryKeys>
      </linItemIdentifier>
      <numberOfCopies>10</numberOfCopies>
      <useSameActivationId>true</useSameActivationId>
      <entitlementBelongsTo>
        <primaryKeys>
          <entitlementId>Ent-receive</entitlementId>
        </primaryKeys>
      </entitlementBelongsTo>
    </linItemInfo>
  </linItemList>
</transferLinItemsRequest>
```

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.

Component	Type	Occurs	Description									
SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">transferredLineItemsListType</a>	0..1	Information about the entitlements that were transferred is listed in the responseData element. See transferredLineItemsListType.									

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedTransferLineItemType</a>	0..1	Information about the entitlements that were not added is listed in the failedData element. See failedTransferLineItemType.

## Referenced By

Name	Type
<a href="#">transferLineItem</a>	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	
unlinkMaintenanceLineItem Item	<a href="#">unlinkMaintenanceLineItem</a>	1..1	See unlinkMaintenanceLineItemRequestType.

### Referenced By

Name	Type
<a href="#">unlinkMaintenanceLineItem</a>	Method

### XML Example

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

```
<unlinkMaintenanceLineItemRequest>
  <unlinkMaintenanceLineItemRequest>
    <!--1 or more repetitions:-->
    <unlinkMaintenanceLineItem>
      <linkIdentifier>
        <!--Optional:-->
        <uniqueId>?</uniqueId>
        <!--Optional:-->
        <primaryKeys>
          <activationId>?</activationId>
        </primaryKeys>
      </linkIdentifier>
      <maintenanceLineItemIdentifier>
        <!--Optional:-->
        <uniqueId>?</uniqueId>
        <!--Optional:-->
        <primaryKeys>
          <activationId>?</activationId>
        </primaryKeys>
      </maintenanceLineItemIdentifier>
    </unlinkMaintenanceLineItem>
  </unlinkMaintenanceLineItemRequest>
</unlinkMaintenanceLineItemRequest>
```

Element: unlinkMaintenanceLinItemResponse

Description


An **unlinkMaintenanceLinItemResponse** message contains an element of unlinkMaintenanceLinItemResponseType.

Derived By

Type [unlinkMaintenanceLinItemResponseType](#)

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUnlinkMaintenanceLinItemListType</a>	0..1	See failedUnlinkMaintenanceLinItemListType.									



## Referenced By

Name	Type
<a href="#">unlinkMaintenanceLineItem</a>	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	<a href="#">updateBulkEntitlementData Type</a>	1..*	Required. An updateBulkEntitlementRequest contains a bulkEntitlement element. See updateBulkEntitlementDataType.

### Referenced By

Name	Type
<a href="#">updateBulkEntitlement</a>	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.

Component	Type	Occurs	Description									
SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateBulkEntitlementDataListType</a>	0..1	Information about the entitlements that were not updated is listed in the failedData element. See failedUpdateBulkEntitlementDataListType.									

### Referenced By

Name	Type
<a href="#">updateBulkEntitlement</a>	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	<a href="#">updateEntitlementLineItemDataType</a>	1..*	Required. An updateEntitlementLineItemRequest contains a lineItemData element. See updateEntitlementLineItemDataType.

### Referenced By

Name	Type
<a href="#">updateEntitlementLineItem</a>	Method

### XML Example

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

```
<updateEntitlementLineItemRequest>
  <lineItemData>
    <entitlementIdentifier>
      <primaryKeys>
        <entitlementId>Ent_basic</entitlementId>
      </primaryKeys>
    </entitlementIdentifier>
  </lineItemData>
  <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>
      </attribute>
    </maintenanceLineItemAttributes>
  </maintenanceLineItems>
</updateEntitlementLineItemRequest>
```

## 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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateEntitlementLineItemDataListType</a>	0..1	Information about the line items that were not updated is listed in the <b>failedData</b> element. See <b>failedUpdateEntitlementLineItemDataListType</b> .									

## Referenced By

Name	Type
<a href="#">updateEntitlementLineItem</a>	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	<a href="#">updateSimpleEntitlementDataType</a>	1..*	Required. An <b>updateSimpleEntitlementRequest</b> contains a simpleEntitlement element. See updateSimpleEntitlementDataType.

### Referenced By

Name	Type
<a href="#">updateSimpleEntitlement</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateSimpleEntitlementDataListType</a>	0..1	Information about the entitlements that were not updated is listed in the <b>failedData</b> element. See <b>failedUpdateSimpleEntitlementDataListType</b> .									

## Referenced By

Name	Type
<a href="#">updateSimpleEntitlement</a>	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	<a href="#">entitlementLifeCycleDataType</a>	0..*	Required. A <b>EntitlementLifecycleRequest</b> contains an array of <b>entitlementData</b> elements. See entitlementLifeCycleDataType.

Referenced By

Name	Type
<a href="#">upgradeLicense</a>	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>
        </licenseModel>
      </lineItem>
    </lineItemData>
  </entitlementData>
</upgradeLicenseRequest>
```

## 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>
<linelItemType>UPGRADE</linelItemType>
</linelItem>
<isFull>true</isFull>
<allowActivationsOnParent>false</allowActivationsOnParent>
<autoDeploy>true</autoDeploy>
</linelItemData>
</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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedEntitlementLifeCycleDataListType</a>	0..1	Information about the entitlements that were not upgraded is listed in the <b>failedData</b> element. See <a href="#">failedEntitlementLifeCycleDataListType</a> .									
responseData	<a href="#">createdEntitlementLifeCycleDataListType</a>	0..1	Information about the entitlements that were upgraded is listed in the <b>responseData</b> element. See <a href="#">createdEntitlementLifeCycleDataListType</a> .									

Referenced By

Name	Type
<a href="#">upgradeLicense</a>	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	<a href="#">entitlementLifeCycleDataType</a>	0..*	Required. A <b>EntitlementLifecycleRequest</b> contains an array of <b>entitlementData</b> elements. See entitlementLifeCycleDataType.

Referenced By

Name	Type
<a href="#">upsellLicense</a>	Method

XML Example

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

```
<upsellLicenseRequest>
  <entitlementData>
    <linelItemData>
      <parentLinelItemIdentifier>
        <primaryKeys>
          <activationId>Ent-upsell-1</activationId>
        </primaryKeys>
      </parentLinelItemIdentifier>
      <linelItem>
        <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>
          </attribute>
        </licenseModelAttributes>
      </linelItem>
    </linelItemData>
  </entitlementData>
</upsellLicenseRequest>
```



## 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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	<a href="#">StatusInfoType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedEntitlementLifeCycleDataListType</a>	0..1	Information about the entitlements that were not upgraded is listed in the <b>failedData</b> element. See failedEntitlementLifeCycleDataListType.									
responseData	<a href="#">createdEntitlementLifeCycleDataListType</a>	0..1	Information about the entitlements that were upgraded is listed in the <b>responseData</b> element. See createdEntitlementLifeCycleDataListType.									

Referenced By

Name	Type
<a href="#">upsellLicense</a>	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
<a href="#">activateShortCode</a>	<p>The <b>activateShortCode</b> operation generates one keyboard activation response. To use the License service to generate a short code response:</p> <ul style="list-style-type: none"><li>• Short code ASRs must be created and associated with deployed bulk entitlements in the FlexNet Operations database.</li><li>• Short code ASRs must be delivered to customers with an activation utility.</li><li>• Bulk entitlement and/or a web register key must be delivered to customers.</li><li>• 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</li></ul>
<a href="#">consolidateFulfillments</a>	<p>The <b>consolidateFulfillments</b> 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.</p>
<a href="#">createChildLineItemFulfillment</a>	<p>The <b>createChildLineItemFulfillment</b> 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.</p>
<a href="#">createLicense</a>	<p>The <b>createLicense</b> operation generates one or more license certificates and corresponding fulfillment records. To use the License service to generate a certificate license:</p> <ul style="list-style-type: none"><li>• There must be deployed entitlements in the FlexNet Operations database.</li><li>• You must provide any fulfillment-time data that re required by the specified license model.</li></ul>
<a href="#">createLicensesAsBatch</a>	<p>The <b>createLicensesAsBatch</b> 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:</p> <ul style="list-style-type: none"><li>• There must be test or deployed entitlements in the FlexNet Operations database that use the same license model.</li><li>• 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.</li></ul>

## Methods

Name	Description
<a href="#">createLicensesAsBatchAndConsolidate</a>	<p>The <b>createLicensesAsBatchAndConsolidate</b> 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:</p> <ul style="list-style-type: none"><li>• There must be test or deployed entitlements in the FlexNet Operations database that use the same license model.</li><li>• 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.</li></ul>
<a href="#">deleteOnholdFulfillments</a>	<p>The <b>deleteOnholdFulfillments</b> operation takes one or more on-hold fulfillmentIDs and deletes them.</p>
<a href="#">emailConsolidatedLicenses</a>	<p>The <b>emailConsolidatedLicenses</b> operation sends one or more consolidated licenses via email. To send a consolidated license as an email attachment using the License service:</p> <ul style="list-style-type: none"><li>• Configure the from-address for the license email. See the <i>FlexNet Operations Installation Guide</i>.</li><li>• Customize the consolidated license email templates, if necessary. See the <i>FlexNet Operations Producer Portal Help Guide</i>.</li><li>• A consolidated license must exist in the database.</li><li>• At least one email address must be provided.</li></ul>
<a href="#">emailLicense</a>	<p>The <b>emailLicense</b> operation sends a license certificate. To send a license certificate as an email attachment using the License service:</p> <ul style="list-style-type: none"><li>• Configure the from-address for the license email. See the <i>FlexNet Operations Installation Guide</i>.</li><li>• Customize the license email templates, if necessary. See the <i>FlexNet Operations Producer Portal Help Guide</i>.</li><li>• A fulfillment ID for a generated license must exist in the database.</li><li>• At least one email address must be provided.</li></ul>
<a href="#">emergencyLicense</a>	<p>The <b>emergencyLicense</b> 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.</p>
<a href="#">getConsolidatedFulfillmentCount</a>	<p>The <b>getConsolidatedFulfillmentCount</b> operation returns the number of consolidated fulfillments that match specified criteria.</p>

## Methods

Name	Description
<a href="#">getConsolidatedFulfillmentsQuery</a>	The <b>getConsolidatedFulfillmentsQuery</b> operation returns the consolidated fulfillments that match specified criteria.
<a href="#">getFulfillmentAttributesForBatchActivation</a>	The <b>getFulfillmentAttributesForBatchActivation</b> 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
<a href="#">getFulfillmentAttributesFromModel</a>	The <b>getFulfillmentAttributesFromModel</b> operation returns all the license model attributes for the specified model that must be specified at the time the license is generated.
<a href="#">getFulfillmentCount</a>	The <b>getFulfillmentCount</b> operation returns the number of fulfillments that match specified criteria.
<a href="#">getFulfillmentHistory</a>	The <b>getFulfillmentHistory</b> operation returns the history of a specified fulfillment.
<a href="#">getFulfillmentPropertiesQuery</a>	The <b>getFulfillmentPropertiesQuery</b> 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.
<a href="#">getFulfillmentsQuery</a>	The <b>getFulfillmentsQuery</b> operation returns the fulfillments that match specified criteria.
<a href="#">getHostAttributesFromLicenseTechnology</a>	The <b>getHostAttributesFromLicenseTechnology</b> 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.
<a href="#">manualActivation</a>	The <b>manualActivation</b> operation takes a single trusted activation XML request as a string and generates a single trusted activation XML response as a string.
<a href="#">manualRepair</a>	The <b>manualRepair</b> operation generates one manual trusted activation repair response.
<a href="#">manualReturn</a>	The <b>manualReturn</b> operation generates one trusted activation return response.
<a href="#">offlineFNPTtrustedStorageActivation</a>	The <b>offlineFNPTtrustedStorageActivation</b> 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.
<a href="#">publisherErrorLicense</a>	The <b>publisherErrorLicense</b> 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.
<a href="#">rehostLicense</a>	The <b>rehostLicense</b> 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.
<a href="#">renewFulfillment</a>	The <b>renewFulfillment</b> 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

## Methods

Name	Description
<a href="#">repairLicense</a>	The <b>repairLicense</b> 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.
<a href="#">repairShortCode</a>	The <b>repairShortCode</b> operation generates one short code repair response.
<a href="#">returnLicense</a>	The <b>returnLicense</b> 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.
<a href="#">returnShortCode</a>	The <b>returnShortCode</b> operation generates one short code return response.
<a href="#">setLicense</a>	The <b>setLicense</b> operation sets the license text for one or more on-hold fulfillmentIDs for a manual custom license technology.
<a href="#">stopGapLicense</a>	The <b>stopGapLicense</b> 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.
<a href="#">transferHost</a>	The <b>transferHost</b> operation transfers active fulfillments from one or more hosts owned by one customer account to another customer account. When a host is transferred, 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.
<a href="#">upgradeFulfillment</a>	The <b>upgradeFulfillment</b> 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.
<a href="#">upsellFulfillment</a>	The <b>upsellFulfillment</b> 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.
<a href="#">verifyCreateLicense</a>	<p>The <b>verifyCreateLicense</b> 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:</p> <ul style="list-style-type: none"><li>• There must be test or deployed entitlements in the FlexNet Operations database.</li><li>• You must provide any fulfillment-time data that are required by the specified license model.</li></ul>



## 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	<a href="#">activateShortCodeRequestType</a>	Input	See <a href="#">activateShortCodeRequestType</a> .

### Returns

A [activateShortCodeResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>• SUCCESS—The request was processed.</li><li>• FAILURE—The request was not processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—The request was processed.</li><li>• FAILURE—The request was not processed.</li></ul>	<b>reason</b>	string	Gives reason if failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—The request was processed.</li><li>• FAILURE—The request was not processed.</li></ul>									
<b>reason</b>	string	Gives reason if failure.									
failedData	<a href="#">failedShortCodeDataType</a>	Information about a short code response that was not generated is listed in the failedData element. See <a href="#">failedShortCodeDataType</a> .									
responseData	<a href="#">createdShortCodeDataType</a>	Information about an short code response that was generated is listed in the <b>responseData</b> element. <b>responseData</b> contains a <b>shortCode</b> short code response string. This response is delivered back to the customer to enter into an activation utility.									

## 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	<a href="#">consolidateFulfillmentsRequestType</a>	Input	See <a href="#">consolidateFulfillmentsRequestType</a> .

### 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">consolidatedResponseDataType</a>	Information about the licenses that were generated is listed in the responseData element. See <a href="#">consolidatedResponseDataType</a> .									

## 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	<a href="#">createChildLineItemFulfillmentRequestType</a>	Input	See <a href="#">createChildLineItemFulfillmentRequestType</a> .

### Returns

A [createChildLineItemFulfillmentResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">createdChildLIFmtResponseDataType</a>	Information about the fulfillments that were created is listed in the <b>responseData</b> element. See <a href="#">createdChildLIFmtResponseDataType</a> .									
failedData	<a href="#">failedChildLIFmtResponseDataType</a>	Information about the fulfillments that were not returned is listed in the <b>failedData</b> element. See <a href="#">failedChildLIFmtResponseDataType</a> .									

## 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	<a href="#">createFulfillmentRequestType</a>	Input	See <a href="#">createFulfillmentRequestType</a> .

### Returns

A [createLicenseResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedFulfillmentDataListType</a>	Information about the licenses that were not verified is listed in the <b>failedData</b> element. See <a href="#">failedFulfillmentDataListType</a> .									

## Returns

Name	Type	Description
responseData	<a href="#">createdFulfillmentDataListType</a>	Information about the licenses that were verified is listed in the <b>responseData</b> element. See <a href="#">createdFulfillmentDataListType</a> .

## 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	<a href="#">createLicensesAsBatchRequestType</a>	Input	See <a href="#">createLicensesAsBatchRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									

## Returns

Name	Type	Description
responseData	<a href="#">createLicensesAsBatchResponseDataType</a>	Information about the licenses that were generated is listed in the responseData element. See <a href="#">createLicensesAsBatchResponseDataType</a> .

## 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	<a href="#">createLicensesAsBatchRequestType</a>	Input	See <a href="#">createLicensesAsBatchRequestType</a> .

### Returns

A [createLicensesAsBatchAndConsolidateResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• <b>SUCCESS</b>—All items in the request were processed.</li><li>• <b>PARTIAL_FAILURE</b>—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return <b>PARTIAL_FAILURE</b>.</li><li>• <b>FAILURE</b>—None of the items in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.



## Returns

Name	Type	Description
responseData	<a href="#">consolidatedResponseDataType</a>	Information about the licenses that were generated is listed in the responseData element. See <a href="#">consolidatedResponseDataType</a> .

## Method: deleteOnholdFulfillments

### Description

The **deleteOnholdFulfillments** operation takes one or more on-hold fulfillmentIDs and deletes them.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">deleteOnholdFulfillmentsRequestType</a>	Input	See <a href="#">deleteOnholdFulfillmentsRequestType</a> .

### Returns

A [deleteOnholdFulfillmentsResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedOnholdFulfillmentListType</a>	See <a href="#">failedOnholdFulfillmentListType</a> .									

## 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	<a href="#">emailConsolidatedLicensesRequestType</a>	Input	See <a href="#">emailConsolidatedLicensesRequestType</a> .

### Returns

A [emailConsolidatedLicensesResponse](#) element having the structure defined by the following table.

Returns

Name	Type	Description		
statusInfo	StatusInfoType			
		Element	Data Type	Description
		status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>
		reason	string	Gives reason for partial failure or failure.

## 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	<a href="#">emailLicenseRequestType</a>	Input	See <a href="#">emailLicenseRequestType</a> .

### Returns

A [emailLicenseResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the items in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.

## 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	<a href="#">emergencyFulfillmentRequestType</a>	Input	See <a href="#">emergencyFulfillmentRequestType</a> .

### Returns

A [emergencyLicenseResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">emergencyResponseDataType</a>	See <a href="#">emergencyResponseDataType</a> .									
failedData	<a href="#">failedEmergencyResponseListDataType</a>	See <a href="#">failedEmergencyResponseListDataType</a> .									

## Method: getConsolidatedFulfillmentCount

### Description

The **getConsolidatedFulfillmentCount** operation returns the number of consolidated fulfillments that match specified criteria.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getConsolidatedFulfillmentCountRequestType</a>	Input	See <a href="#">getConsolidatedFulfillmentCountRequestType</a> .

### Returns

A [getConsolidatedFulfillmentCountResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.
responseData	getConsolidatedFulfillmentCountResponseType	Contains an integer <b>count</b> element.		

## Method: getConsolidatedFulfillmentsQuery

### Description

The **getConsolidatedFulfillmentsQuery** operation returns the consolidated fulfillments that match specified criteria.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getConsolidatedFulfillmentsQueryRequestType</a>	Input	See <a href="#">getConsolidatedFulfillmentsQueryRequestType</a> .

### Returns

A [getConsolidatedFulfillmentsQueryResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Types</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.
responseData	<a href="#">getConsolidatedFulfillmentsQueryResponseType</a>	See <a href="#">getConsolidatedFulfillmentsQueryResponseType</a> .		



## 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	<a href="#">getFmtAttributesForBatchActivationRequestType</a>	Input	See <a href="#">getFmtAttributesForBatchActivationRequestType</a> .

### Returns

A [getFmtAttributesForBatchActivationResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getFmtAttributesForBatchData Type</a>	A list of license model attributes that are set at fulfillment time are contained in the <b>responseData</b> element. See <a href="#">getFmtAttributesForBatchData Type</a> .									

## 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	<a href="#">getFulfillmentAttributesRequestType</a>	Input	See <a href="#">getFulfillmentAttributesRequestType</a> .

### Returns

A [getFulfillmentAttributesResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getFulfillmentAttributesDataType</a>	A list of license model attributes that are set at fulfillment time are contained in the <b>responseData</b> element. See <a href="#">getFulfillmentAttributesDataType</a> .									

## Method: getFulfillmentCount

### Description

The **getFulfillmentCount** operation returns the number of fulfillments that match specified criteria.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getFulfillmentCountRequestType</a>	Input	See <a href="#">getFulfillmentCountRequestType</a> .

### Returns

A [getFulfillmentCountResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	getFulfillmentCountResponseDataType	Contains an integer <b>count</b> element.									

## Method: getFulfillmentHistory

### Description

The **getFulfillmentHistory** operation returns the history of a specified fulfillment.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getFulfillmentHistoryRequestType</a>	Input	See <a href="#">getFulfillmentHistoryRequestType</a> .

### Returns

A [getFulfillmentHistoryResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">fulfillmentHistoryDataType</a>	See <a href="#">fulfillmentHistoryDataType</a> .									

## 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	<a href="#">getFulfillmentPropertiesRequestType</a>	Input	See <a href="#">getFulfillmentPropertiesRequestType</a> .

### Returns

A [getFulfillmentPropertiesResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
fulfillment	<a href="#">fulfillmentPropertiesType</a>	See <a href="#">fulfillmentPropertiesType</a> .									

## Method: getFulfillmentsQuery

### Description

The **getFulfillmentsQuery** operation returns the fulfillments that match specified criteria.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getFulfillmentsQueryRequestType</a>	Input	See <a href="#">getFulfillmentsQueryRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getFulfillmentsQueryResponseDataType</a>	See <a href="#">getFulfillmentsQueryResponseDataType</a> .									

## 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	<a href="#">getHostAttributesRequestType</a>	Input	See <a href="#">getHostAttributesRequestType</a> .

### Returns

A [getHostAttributesResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b><code>getCount</code></b> and <b><code>getQuery</code></b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b><code>getCount</code></b> and <b><code>getQuery</code></b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b><code>getCount</code></b> and <b><code>getQuery</code></b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getHostAttributesDataType</a>	See <a href="#">getHostAttributesDataType</a> .									

## 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	<a href="#">trustedRequestType</a>	Input	See <a href="#">trustedRequestType</a> .

### Returns

A [manualActivationResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	<b>reason</b>	string	Gives reason if failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>									
<b>reason</b>	string	Gives reason if failure.									
responseData	<a href="#">activationDataType</a>	If the request was processed successfully, <b>responseData</b> contains an XML response string in an <b>activationData</b> element. This response is saved in a file and delivered back to the customer to enter into an activation utility.									



## Method: manualRepair

### Description

The **manualRepair** operation generates one manual trusted activation repair response.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">trustedRequestType</a>	Input	See <a href="#">trustedRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	<b>reason</b>	string	Gives reason if failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>									
<b>reason</b>	string	Gives reason if failure.									
responseData	<a href="#">activationDataType</a>	If the request was processed successfully, <b>responseData</b> contains an XML response string in an <b>activationData</b> 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	<a href="#">trustedRequestType</a>	Input	See <a href="#">trustedRequestType</a> .

### Returns

A [manualReturnResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	<b>reason</b>	string	Gives reason if failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>									
<b>reason</b>	string	Gives reason if failure.									
responseData	<a href="#">activationDataType</a>	If the request was processed successfully, <b>responseData</b> contains an XML response string in an <b>activationData</b> element. This response is saved in a file and delivered back to the customer to enter into an activation utility.									

## Method: offlineFNPTtrustedStorageActivation

### Description

The **offlineFNPTtrustedStorageActivation** 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	<a href="#">activateLicensesRequestType</a>	Input	See <a href="#">activateLicensesRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	<b>reason</b>	string	Gives reason if failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>									
<b>reason</b>	string	Gives reason if failure.									
failedData	<a href="#">failedLineItem</a>	Information about an entitlement line item that failed to activate in the <b>failedData</b> 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	<a href="#">publisherErrorFulfillmentRequestType</a>	Input	See <a href="#">publisherErrorFulfillmentRequestType</a> .

### Returns

A [publisherErrorLicenseResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">publisherErrorResponseDataType</a>	See <a href="#">publisherErrorResponseDataType</a> .									
failedData	<a href="#">failedPublisherErrorResponseListDataType</a>	See <a href="#">failedPublisherErrorResponseListDataType</a> .									

## 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	<a href="#">rehostFulfillmentRequestType</a>	Input	See <a href="#">rehostFulfillmentRequestType</a> .

### Returns

A [rehostLicenseResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">rehostResponseDataType</a>	Information about the fulfillments that were rehosted is listed in the <b>responseData</b> element. See <a href="#">rehostResponseDataType</a> .									
failedData	<a href="#">failedRehostResponselistDataType</a>	Information about the fulfillments that were not rehosted is listed in the <b>failedData</b> element. See <a href="#">failedRehostResponselistDataType</a> .									

## 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	<a href="#">advancedFulfillmentLCRequestType</a>	Input	See <a href="#">advancedFulfillmentLCRequestType</a> .

### 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">advancedFmtLCResponseDataListType</a>	Information about the fulfillments that were created is listed in the <b>responseData</b> element. See <a href="#">advancedFmtLCResponseDataListType</a> .									
failedData	<a href="#">failedAdvancedFmtLCResponseDataType</a>	Information about the fulfillments that were not created is listed in the <b>failedData</b> element. See <a href="#">failedAdvancedFmtLCResponseDataType</a> .									

## 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	<a href="#">repairFulfillmentRequestType</a>	Input	See <a href="#">repairFulfillmentRequestType</a> .

### Returns

A [repairLicenseResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">repairResponseDataType</a>	Information about the fulfillments that were repaired is listed in the <b>responseData</b> element. See <a href="#">repairResponseDataType</a> .									
failedData	<a href="#">failedRepairResponseListDataType</a>	Information about the fulfillments that were not repaired is listed in the <b>failedData</b> element. See <a href="#">failedRepairResponseListDataType</a> .									

## Method: repairShortCode

### Description

The **repairShortCode** operation generates one short code repair response.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">repairShortCodeRequestType</a>	Input	See <a href="#">repairShortCodeRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	<b>reason</b>	string	Gives reason if failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>									
<b>reason</b>	string	Gives reason if failure.									
failedData	<a href="#">failedRepairShortCodeDataType</a>	Information about a short code repair response that was not generated is listed in the failedData element. See <a href="#">failedRepairShortCodeDataType</a> .									
responseData	<a href="#">repairedShortCodeDataType</a>	Information about a short code repair response that was generated is listed in the <b>responseData</b> element. <b>responseData</b> contains a <b>shortCode</b> 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	<a href="#">returnFulfillmentRequestType</a>	Input	See <a href="#">returnFulfillmentRequestType</a> .

### Returns

A [returnLicenseResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">returnResponseDataType</a>	Information about the fulfillments that were returned is listed in the <b>responseData</b> element. For <b>returnLicense</b> , this data is only populated in the case of a partial return, not a successful one. See <a href="#">returnResponseDataType</a> .									
failedData	<a href="#">failedReturnResponseListDataType</a>	Information about the fulfillments that were not returned is listed in the <b>failedData</b> element. See <a href="#">failedReturnResponseListDataType</a> .									

## Method: returnShortCode

### Description

The **returnShortCode** operation generates one short code return response.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">returnShortCodeRequestType</a>	Input	See <a href="#">returnShortCodeRequestType</a> .

### Returns

A [returnShortCodeResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	<b>reason</b>	string	Gives reason if failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>									
<b>reason</b>	string	Gives reason if failure.									
failedData	<a href="#">failedReturnShortCodeDataType</a>	Information about a short code return response that was not generated is listed in the failedData element. See <a href="#">failedReturnShortCodeDataType</a> .									
responseData	<a href="#">returnedShortCodeDataType</a>	Information about a short code return response that was generated is listed in the <b>responseData</b> element. <b>responseData</b> contains a <b>shortCode</b> return response string. This response is delivered back to the customer to enter into an activation utility.									

## 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	<a href="#">setLicenseRequestType</a>	Input	See <a href="#">setLicenseRequestType</a> .

### Returns

A [setLicenseResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedSetLicenseOnholdFulfillmentListType</a>	Populated if setting the license failed. See <a href="#">failedSetLicenseOnholdFulfillmentListType</a> .									

## Method: stopGapLicense

### Description

The **stopGapLicense** operation generates a stop-gap node-locked 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	<a href="#">stopGapFulfillmentRequestType</a>	Input	See <a href="#">stopGapFulfillmentRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>				<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">stopGapResponseDataType</a>	See <a href="#">stopGapResponseDataType</a> .									
failedData	<a href="#">failedStopGapResponseListDataType</a>	See <a href="#">failedStopGapResponseListDataType</a> .									

## 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 transferred, 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	<a href="#">transferHostRequestType</a>	Input	See <a href="#">transferHostRequestType</a> .

### 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedTransferHostListDataType</a>	Information about the line items that were not added is listed in the <b>failedData</b> element. See <a href="#">failedTransferHostListDataType</a> .									

## 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	<a href="#">advancedFulfillmentLCRequestType</a>	Input	See <a href="#">advancedFulfillmentLCRequestType</a> .

### 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">advancedFmtLCResponseDataListType</a>	Information about the fulfillments that were created is listed in the <b>responseData</b> element. See <a href="#">advancedFmtLCResponseDataListType</a> .									
failedData	<a href="#">failedAdvancedFmtLCResponseDataType</a>	Information about the fulfillments that were not created is listed in the <b>failedData</b> element. See <a href="#">failedAdvancedFmtLCResponseDataType</a> .									

## 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	<a href="#">advancedFulfillmentLCRequestType</a>	Input	See <a href="#">advancedFulfillmentLCRequestType</a> .

### 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">advancedFmtLCResponseDataListType</a>	Information about the fulfillments that were created is listed in the <b>responseData</b> element. See <a href="#">advancedFmtLCResponseDataListType</a> .									
failedData	<a href="#">failedAdvancedFmtLCResponseDataType</a>	Information about the fulfillments that were not created is listed in the <b>failedData</b> element. See <a href="#">failedAdvancedFmtLCResponseDataType</a> .									

## 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	<a href="#">createFulfillmentRequestType</a>	Input	See <a href="#">createFulfillmentRequestType</a> .

### Returns

A [verifyCreateLicenseResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the items in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All items in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the items in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedFulfillmentDataListType</a>	Information about the licenses that were not verified is listed in the <b>failedData</b> element. See <a href="#">failedFulfillmentDataListType</a> .									



## Returns

Name	Type	Description
responseData	<a href="#">createdFulfillmentDataListType</a>	Information about the licenses that were verified is listed in the <b>responseData</b> element. See <a href="#">createdFulfillmentDataListType</a> .

# Complex Types: LicenseService

## Complex Types

Name
<a href="#">accountIdentifierType</a>
<a href="#">accountPKType</a>
<a href="#">activateLicensesRequestType</a>
<a href="#">activateLicensesResponseType</a>
<a href="#">activateShortCodeRequestType</a>
<a href="#">activateShortCodeResponseType</a>
<a href="#">activationDataType</a>
<a href="#">activationIdOverDraftMapType</a>
<a href="#">activationIdsListType</a>
<a href="#">addressDataType</a>
<a href="#">advancedFmtLCResponseDataListType</a>
<a href="#">advancedFmtLCResponseDataType</a>
<a href="#">advancedFulfillmentLCDataType</a>
<a href="#">advancedFulfillmentLCInfoType</a>
<a href="#">advancedFulfillmentLCListType</a>
<a href="#">advancedFulfillmentLCRequestType</a>
<a href="#">advancedFulfillmentLCResponseType</a>
<a href="#">attributeDescriptorDataType</a>
<a href="#">attributeDescriptorType</a>
<a href="#">attributeMetaDescriptorDataType</a>
<a href="#">attributeMetaDescriptorType</a>
<a href="#">commonBatchDataSetType</a>
<a href="#">consolidatedFulfillmentsQPTType</a>
<a href="#">consolidatedHostLicenseDataType</a>
<a href="#">consolidatedLicenseDataType</a>
<a href="#">consolidatedLicenseIdListType</a>
<a href="#">consolidatedResponseDataType</a>
<a href="#">consolidateFulfillmentsRequestType</a>
<a href="#">consolidateFulfillmentsResponseType</a>
<a href="#">correlationDataType</a>
<a href="#">countDataSetType</a>
<a href="#">countDataType</a>
<a href="#">countForHostsType</a>
<a href="#">createChildLineItemFulfillmentDataType</a>

## Complex Types

Name
<a href="#">createChildLineItemFulfillmentRequestType</a>
<a href="#">createChildLineItemFulfillmentResponseType</a>
<a href="#">createdChildLIFmtResponseDataType</a>
<a href="#">createdChildLIFulfillmentDataType</a>
<a href="#">createdChildLIFulfillmentInfoType</a>
<a href="#">createdFulfillmentDataListType</a>
<a href="#">createdFulfillmentDataType</a>
<a href="#">createdShortCodeDataType</a>
<a href="#">createFulfillmentDataType</a>
<a href="#">createFulfillmentRequestType</a>
<a href="#">createFulfillmentResponseType</a>
<a href="#">createLicensesAsBatchRequestType</a>
<a href="#">createLicensesAsBatchResponseDataType</a>
<a href="#">createLicensesAsBatchResponseType</a>
<a href="#">createShortCodeDataType</a>
<a href="#">customAttributeQueryType</a>
<a href="#">customAttributesQueryListType</a>
<a href="#">CustomHostIDType</a>
<a href="#">deleteOnholdFulfillmentsRequestType</a>
<a href="#">deleteOnholdFulfillmentsResponseType</a>
<a href="#">Dictionary</a>
<a href="#">DictionaryEntriesCollection</a>
<a href="#">DictionaryEntry</a>
<a href="#">duplicateFulfillmentRecordListDataType</a>
<a href="#">DurationType</a>
<a href="#">emailConsolidatedLicensesRequestType</a>
<a href="#">emailConsolidatedLicensesResponseType</a>
<a href="#">emailContactListType</a>
<a href="#">emailLicenseRequestType</a>
<a href="#">emailLicenseResponseType</a>
<a href="#">emergencyFulfillmentDataType</a>
<a href="#">emergencyFulfillmentRequestType</a>
<a href="#">emergencyFulfillmentResponseDataType</a>
<a href="#">emergencyFulfillmentResponseType</a>
<a href="#">emergencyResponseDataType</a>

## Complex Types

Name
<a href="#"><u>entitledProductDataListType</u></a>
<a href="#"><u>entitledProductDataType</u></a>
<a href="#"><u>entitlementIdentifierType</u></a>
<a href="#"><u>entitlementLineItemIdentifierType</u></a>
<a href="#"><u>entitlementLineItemPKType</u></a>
<a href="#"><u>entitlementPKType</u></a>
<a href="#"><u>failedAdvancedFmtLCDataType</u></a>
<a href="#"><u>failedAdvancedFmtLCResponseDataType</u></a>
<a href="#"><u>failedChildLIFmtResponseDataType</u></a>
<a href="#"><u>failedChildLIFulfillmentDataType</u></a>
<a href="#"><u>failedEmergencyResponseDataType</u></a>
<a href="#"><u>failedEmergencyResponselistDataType</u></a>
<a href="#"><u>failedFulfillmentDataListType</u></a>
<a href="#"><u>failedFulfillmentDataType</u></a>
<a href="#"><u>failedLineItem</u></a>
<a href="#"><u>failedOnholdFulfillmentDataType</u></a>
<a href="#"><u>failedOnholdFulfillmentListType</u></a>
<a href="#"><u>failedPublisherErrorResponseDataType</u></a>
<a href="#"><u>failedPublisherErrorResponselistDataType</u></a>
<a href="#"><u>failedRehostResponseDataType</u></a>
<a href="#"><u>failedRehostResponselistDataType</u></a>
<a href="#"><u>failedRepairResponseDataType</u></a>
<a href="#"><u>failedRepairResponselistDataType</u></a>
<a href="#"><u>failedRepairShortCodeDataType</u></a>
<a href="#"><u>failedReturnResponseDataType</u></a>
<a href="#"><u>failedReturnResponselistDataType</u></a>
<a href="#"><u>failedReturnShortCodeDataType</u></a>
<a href="#"><u>failedSetLicenseOnholdFulfillmentDataType</u></a>
<a href="#"><u>failedSetLicenseOnholdFulfillmentListType</u></a>
<a href="#"><u>failedShortCodeDataType</u></a>
<a href="#"><u>failedStopGapResponseDataType</u></a>
<a href="#"><u>failedStopGapResponselistDataType</u></a>
<a href="#"><u>failedTransferHostDataType</u></a>
<a href="#"><u>failedTransferHostListDataType</u></a>
<a href="#"><u>featureBundleIdentifierType</u></a>

## Complex Types

Name
<a href="#">featureBundlePKType</a>
<a href="#">featureIdentifierType</a>
<a href="#">featurePKType</a>
<a href="#">fulfillmentDataType</a>
<a href="#">fulfillmentHistoryDataType</a>
<a href="#">fulfillmentHistoryDetailsType</a>
<a href="#">fulfillmentHistoryRecordType</a>
<a href="#">fulfillmentIdentifierListType</a>
<a href="#">fulfillmentIdentifierType</a>
<a href="#">fulfillmentIdListType</a>
<a href="#">fulfillmentPKType</a>
<a href="#">fulfillmentPropertiesType</a>
<a href="#">fulfillmentResponseConfigRequestType</a>
<a href="#">fulfillmentsQueryParametersType</a>
<a href="#">getConsolidatedFulfillmentCountRequestType</a>
<a href="#">getConsolidatedFulfillmentCountResponseType</a>
<a href="#">getConsolidatedFulfillmentsQueryRequestType</a>
<a href="#">getConsolidatedFulfillmentsQueryResponseDataType</a>
<a href="#">getConsolidatedFulfillmentsQueryResponseType</a>
<a href="#">getCountResponseDataType</a>
<a href="#">getFmtAttributesForBatchActivationRequestType</a>
<a href="#">getFmtAttributesForBatchActivationResponseType</a>
<a href="#">getFmtAttributesForBatchDataType</a>
<a href="#">getFulfillmentAttributesDataType</a>
<a href="#">getFulfillmentAttributesRequestType</a>
<a href="#">getFulfillmentAttributesResponseType</a>
<a href="#">getFulfillmentCountRequestType</a>
<a href="#">getFulfillmentCountResponseType</a>
<a href="#">getFulfillmentHistoryRequestType</a>
<a href="#">getFulfillmentHistoryResponseType</a>
<a href="#">getFulfillmentPropertiesRequestType</a>
<a href="#">getFulfillmentPropertiesResponseType</a>
<a href="#">getFulfillmentsQueryRequestType</a>
<a href="#">getFulfillmentsQueryResponseDataType</a>
<a href="#">getFulfillmentsQueryResponseType</a>

## Complex Types

Name
<a href="#">getHostAttributesDataType</a>
<a href="#">getHostAttributesRequestType</a>
<a href="#">getHostAttributesResponseType</a>
<a href="#">hostIdDataDetailsType</a>
<a href="#">hostIdDataSetType</a>
<a href="#">hostIdDataType</a>
<a href="#">hostIdDetailsType</a>
<a href="#">hostTypePKType</a>
<a href="#">licenseFileDataListType</a>
<a href="#">licenseFileDataType</a>
<a href="#">licenseGeneratorIdentifierType</a>
<a href="#">licenseGeneratorPKType</a>
<a href="#">licenseModelIdentifierType</a>
<a href="#">licenseModelPKType</a>
<a href="#">licenseTechnologyIdentifierType</a>
<a href="#">licenseTechnologyPKType</a>
<a href="#">maintenancIdentifierType</a>
<a href="#">maintenancePKType</a>
<a href="#">NodeIDsType</a>
<a href="#">onHoldFmtLicenseDataType</a>
<a href="#">onholdFulfillmentListType</a>
<a href="#">overDraftDataListType</a>
<a href="#">partNumberIdentifierType</a>
<a href="#">partNumberIdentifierWithModelType</a>
<a href="#">partNumberPKType</a>
<a href="#">productIdentifierType</a>
<a href="#">productIdentifierWithCountDataType</a>
<a href="#">productPKType</a>
<a href="#">publisherAttributesListDataType</a>
<a href="#">publisherErrorFulfillmentDataType</a>
<a href="#">publisherErrorFulfillmentRequestType</a>
<a href="#">publisherErrorFulfillmentResponseDataType</a>
<a href="#">publisherErrorFulfillmentResponseType</a>
<a href="#">publisherErrorResponseDataType</a>
<a href="#">rehostFulfillmentDataType</a>

## Complex Types

Name
<a href="#">rehostFulfillmentRequestType</a>
<a href="#">rehostFulfillmentResponseDataType</a>
<a href="#">rehostFulfillmentResponseType</a>
<a href="#">rehostResponseDataType</a>
<a href="#">repairedShortCodeDataType</a>
<a href="#">repairFulfillmentDataType</a>
<a href="#">repairFulfillmentRequestType</a>
<a href="#">repairFulfillmentResponseDataType</a>
<a href="#">repairFulfillmentResponseType</a>
<a href="#">repairResponseDataType</a>
<a href="#">repairShortCodeDataType</a>
<a href="#">repairShortCodeRequestType</a>
<a href="#">repairShortCodeResponseType</a>
<a href="#">returnedShortCodeDataType</a>
<a href="#">returnFulfillmentDataType</a>
<a href="#">returnFulfillmentRequestType</a>
<a href="#">returnFulfillmentResponseDataType</a>
<a href="#">returnFulfillmentResponseType</a>
<a href="#">returnResponseDataType</a>
<a href="#">returnShortCodeDataType</a>
<a href="#">returnShortCodeRequestType</a>
<a href="#">returnShortCodeResponseType</a>
<a href="#">roleIdentifierType</a>
<a href="#">rolePKType</a>
<a href="#">ServerIDsType</a>
<a href="#">setLicenseRequestType</a>
<a href="#">setLicenseResponseType</a>
<a href="#">simpleAttributeDataType</a>
<a href="#">stopGapFulfillmentDataType</a>
<a href="#">stopGapFulfillmentRequestType</a>
<a href="#">stopGapFulfillmentResponseDataType</a>
<a href="#">stopGapFulfillmentResponseType</a>
<a href="#">stopGapResponseDataType</a>
<a href="#">suiteIdentifierType</a>
<a href="#">suitePKType</a>

## Complex Types

Name
<a href="#">transferHostIdDataType</a>
<a href="#">transferHostList</a>
<a href="#">transferHostRequestType</a>
<a href="#">transferHostResponseType</a>
<a href="#">trustedKeyIdentifierType</a>
<a href="#">trustedKeyPKType</a>
<a href="#">trustedRequestType</a>
<a href="#">trustedResponseType</a>
<a href="#">typeLineItem</a>
<a href="#">updateEntitledProductDataListType</a>
<a href="#">userIdentifierType</a>
<a href="#">userPKType</a>
<a href="#">valueType</a>
<a href="#">verifiedFulfillmentDataType</a>
<a href="#">versionDateAttributesType</a>
<a href="#">VersionFormatQueryType</a>



## 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	<a href="#">accountPKType</a>	0..1	See <a href="#">accountPKType</a> .

## 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: activateLicensesRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
linelItem	<a href="#">typeLinelItem</a>	1..*	Required. See <a href="#">typeLinelItem</a> .
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 <b>-new</b> 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
<a href="#">activateLicensesRequest</a>	Element
<a href="#">offlineFNPTtrustedStorageActivation</a>	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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
failedData	<a href="#">failedLineItem</a>	0..1	Information about an entitlement line item that failed to activate in the <b>failedData</b> 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
<a href="#">activateLicensesResponse</a>	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	<a href="#">createShortCodeDataTyp e</a>	0..1	Required. An <b>activateShortCodeRequest</b> contains a single <b>shortCodeData</b> element. See <a href="#">createShortCodeDataType</a> .

### Referenced By

Name	Type
<a href="#">activateShortCodeRequest</a>	Element
<a href="#">activateShortCode</a>	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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
failedData	<a href="#">failedShortCodeDataType</a>	0..1	Information about a short code response that was not generated is listed in the failedData element. See <a href="#">failedShortCodeDataType</a> .									
responseData	<a href="#">createdShortCodeDataType</a>	0..1	Information about an short code response that was generated is listed in the <b>responseData</b> element. <b>responseData</b> contains a <b>shortCode</b> short code response string. This response is delivered back to the customer to enter into an activation utility.									

### Referenced By

Name	Type
<a href="#">activateShortCodeResponse</a>	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..*	<b>activationIds</b> contains one or more <b>activationId</b> 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	<a href="#">advancedFmtLCResponseDataType</a>	1..*	<b>responseData</b> contains one or more <b>fulfillment</b> elements. See <a href="#">advancedFmtLCResponseDataType</a> .

## 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	<a href="#">advancedFulfillmentLCInfoType</a>	1..*	Fulfillment record of type advancedFulfillmentLCInfoType. See <a href="#">advancedFulfillmentLCInfoType</a> .

## 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 <b>versionDateAttributes</b> is set to DEFINE_VERSION_DATE_LATER in the entitlement, set <b>versionDate</b> in this request. In a license, this date is converted into the <b>Version Date Format</b> that is specified in the system configuration.
versionStartDate	date	0..1	If any of the features in the product use date-based versions and <b>versionDateAttributes</b> is set to DEFINE_VERSION_STARTDATE_LATER with a version date duration in the entitlement, set <b>versionStartDate</b> in this request. In a license, the version date is calculated and converted into the <b>Version Date Format</b> 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.

## Content Model

Component	Type	Occurs	Description
serverHost	<a href="#">ServerIDsType</a>	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 <a href="#">ServerIDsType</a> .
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	<a href="#">NodeIDsType</a>	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 <a href="#">NodeIDsType</a> .
customHost	<a href="#">CustomHostIDType</a>	0..1	Optional. See <a href="#">CustomHostIDType</a> .
licenseModelAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	Any fulfillment-time attributes must be set before verifying that the license can be generated. See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">licenseFileDataListType</a>	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 <a href="#">licenseFileDataListType</a> .

## 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	<a href="#">advancedFulfillmentLCD ataType</a>	1..*	Required. A <b>fulfillmentList</b> contains an array of <b>fulfillment</b> elements. See <a href="#">advancedFulfillmentLCDDataType</a> .



## 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	<a href="#">advancedFulfillmentLCListType</a>	1..1	Required. An <b>renewFulfillmentRequest</b> contains an array of <b>fulfillmentList</b> elements. See <a href="#">advancedFulfillmentLCListType</a> .

### Referenced By

Name	Type
<a href="#">renewFulfillmentRequest</a>	Element
<a href="#">upgradeFulfillmentRequest</a>	Element
<a href="#">upsellFulfillmentRequest</a>	Element
<a href="#">renewFulfillment</a>	Method
<a href="#">upgradeFulfillment</a>	Method
<a href="#">upsellFulfillment</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">advancedFmtLCResponseDataListType</a>	0..1	Information about the fulfillments that were created is listed in the <b>responseData</b> element. See <a href="#">advancedFmtLCResponseDataListType</a> .									
failedData	<a href="#">failedAdvancedFmtLCResponseDataListType</a>	0..1	Information about the fulfillments that were not created is listed in the <b>failedData</b> element. See <a href="#">failedAdvancedFmtLCResponseDataListType</a> .									

### Referenced By

Name	Type
<a href="#">renewFulfillmentResponse</a>	Element

Referenced By

Name	Type
<a href="#">upgradeFulfillmentResponse</a>	Element
<a href="#">upsellFulfillmentResponse</a>	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	<a href="#">attributeDescriptorType</a>	0..*	<b>attribute</b> contains a required string <b>attributeName</b> one attribute value. See <a href="#">attributeDescriptorType</a> .



## 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	<a href="#">attributeMetaDescriptorType</a>	0..*	<b>fulfillmentAttributes</b> contains one or more <b>attribute</b> elements. See <a href="#">attributeMetaDescriptorType</a> .


## 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: <ul style="list-style-type: none"><li>• TEXT</li><li>• BOOLEAN</li><li>• NUMBER</li><li>• DATE</li><li>• MULTI_VALUED_TEXT</li></ul>
namespace	string	1..1	Refers to the license technology on which the attribute is created.
validValues	<a href="#">valueType</a>	0..1	<b>validValues</b> contains an array of <b>value</b> 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 <b>versionDateAttributes</b> is set to DEFINE_VERSION_DATE_LATER in the entitlement, set <b>versionDate</b> in this request. In a license, this date is converted into the <b>Version Date Format</b> that is specified in the system configuration.
versionStartDate	date	0..1	If any of the features in the products use date-based versions and <b>versionDateAttributes</b> is set to DEFINE_VERSION_STARTDATE_LATER with a version date duration in the entitlement, set <b>versionStartDate</b> in this request. In a license, the version date is calculated and converted into the <b>Version Date Format</b> 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	<a href="#">attributeDescriptorDataType</a>	0..1	Any fulfillment-time attributes must be set before generating the licenses. See <a href="#">attributeDescriptorDataType</a> .
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 <b>consolidatedLicenseId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the consolidated license ID.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
fulfillmentId	SimpleQueryType	0..1	Optional. A <b>fulfillmentID</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the fulfillment ID.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
activationId	SimpleQueryType	0..1	Optional. An <b>activationId</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the activation ID.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
entitlementId	SimpleQueryType	0..1	Optional. An <b>entitlementId</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the entitlement ID.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
soldTo	SimpleQueryType	0..1	Optional. A <b>soldTo</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the sold-to account.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
criteria	SimpleQueryType	0..1	Optional. A <b>criteria</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the criterion used to consolidate the licenses.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
state	StateQueryType	0..1	Optional. A state <b>element</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a StateType value of ACTIVE or OBSOLETE to match part or all of the state value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## 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 <b>consolidatedHostLicense</b> 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 <b>includeLicenseText</b> 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	<a href="#">fulfillmentIdentifierListType</a>	1..1	See <a href="#">fulfillmentIdentifierListType</a> .
licenseFiles	<a href="#">licenseFileDataListType</a>	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 <a href="#">licenseFileDataListType</a> .

## 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: consolidatedResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
consolidatedLicense	<a href="#">consolidatedLicenseDataType</a>	1..*	See <a href="#">consolidatedLicenseDataType</a> .

## 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	<a href="#">fulfillmentIdentifierListType</a>	1..1	Required. See <a href="#">fulfillmentIdentifierListType</a> .

### Referenced By

Name	Type
<a href="#">consolidateFulfillmentsRequest</a>	Element
<a href="#">consolidateFulfillments</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">consolidatedResponseDataType</a>	0..1	Information about the licenses that were generated is listed in the responseData element. See <a href="#">consolidatedResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">consolidateFulfillmentsResponse</a>	Element

Referenced By

Name	Type
<a href="#">createLicensesAsBatchAndConsolidateResponse</a>	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	<a href="#">countDataType</a>	1..*	Required. See <a href="#">countDataType</a> .

## 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	<a href="#">countForHostsType</a>	1..*	Required. See <a href="#">countForHostsType</a> .


## 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 <b>countData</b> 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 <b>versionDateAttributes</b> is set to <b>DEFINE_VERSION_DATE_LATER</b> in the entitlement, set <b>versionDate</b> in this request. In a license, this date is converted into the <b>Version Date Format</b> 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 <b>versionDateAttributes</b> is set to <b>DEFINE_VERSION_STARTDATE_LATER</b> with a version date duration in the entitlement, set <b>versionStartDate</b> in this request. In a license, the version date is calculated and converted into the <b>Version Date Format</b> 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	<a href="#">attributeDescriptorDataType</a>	0..1	Any fulfillment-time attributes must be set before verifying that the license can be generated. See <a href="#">attributeDescriptorDataType</a> .
hostIdDetails	<a href="#">hostIdDetailsType</a>	1..1	Required. Specify fulfill count on each host. See <a href="#">hostIdDetailsType</a> .
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	<a href="#">createChildLineItemFulfillmentDataType</a>	1..*	Required. A <b>createChildLineItemFulfillmentRequest</b> contains an array of <b>fulfillment</b> elements. See <a href="#">createChildLineItemFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">createChildLineItemFulfillmentRequest</a>	Element
<a href="#">createChildLineItemFulfillment</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">createdChildLIFmtResponseDataType</a>	0..1	Information about the fulfillments that were created is listed in the <b>responseData</b> element. See <a href="#">createdChildLIFmtResponseDataType</a> .									
failedData	<a href="#">failedChildLIFmtResponseDataType</a>	0..1	Information about the fulfillments that were not returned is listed in the <b>failedData</b> element. See <a href="#">failedChildLIFmtResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">createChildLineItemFulfillmentResponse</a>	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	<a href="#">createdChildLIFulfillment DataType</a>	1..*	<b>responseData</b> contains one or more <b>fulfillment</b> elements. See <a href="#">createdChildLIFulfillmentDataType</a> .


## 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	<a href="#">createdChildLIFulfillmentInfoType</a>	1..*	Fulfillment record of type <a href="#">createdChildLIFulfillmentInfoType</a> . See <a href="#">createdChildLIFulfillmentInfoType</a> .


## 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	<a href="#">licenseFileDataListType</a>	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 <a href="#">licenseFileDataListType</a> .

## 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	<a href="#">createdFulfillmentDataType</a>	0..*	Because this was a request to actually generate a license, <b>responseData</b> contains one or more <b>createdFulfillment</b> elements. See <a href="#">createdFulfillmentDataType</a> .
verifiedFulfillment	<a href="#">verifiedFulfillmentDataType</a>	0..*	Because this was a request to verify that a license could be generated, <b>responseData</b> contains one or more <b>verifiedFulfillment</b> elements. See <a href="#">verifiedFulfillmentDataType</a> .


## 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	<a href="#">licenseFileDataListType</a>	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 <a href="#">licenseFileDataListType</a> .

## 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 <i>FlexNet Operations Online Help</i> 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 <b>versionDateAttributes</b> is set to DEFINE_VERSION_DATE_LATER in the entitlement, set <b>versionDate</b> in this request. In a license, this date is converted into the <b>Version Date Format</b> 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 <b>versionDateAttributes</b> is set to DEFINE_VERSION_STARTDATE_LATER with a version date <b>duration</b> in the entitlement, set <b>versionStartDate</b> in this request. In a license, the version date is calculated and converted into the <b>Version Date Format</b> 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	<a href="#">ServerIdsType</a>	0..1	Provide one or three license server machine hostids if a server hostid is required by the license model. See <a href="#">ServerIdsType</a> .

## Content Model

Component	Type	Occurs	Description
nodeIds	<a href="#">NodeIdsType</a>	0..1	Provide one or more node-locked hostids if a node-locked hostid is required by the license model. See <a href="#">NodeIdsType</a> .
customHost	<a href="#">CustomHostIDType</a>	0..1	Optional. See <a href="#">customHostIDType</a> .
licenseModelAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	Any fulfillment-time attributes must be set before verifying that the license can be generated. See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">createFulfillmentDataTy e</a>	1..*	Required. A <b>createFulfillmentRequest</b> contains an array of <b>fulfillment</b> elements to be verified. See <a href="#">createFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">createLicenseRequest</a>	Element
<a href="#">verifyCreateLicenseRequest</a>	Element
<a href="#">createLicense</a>	Method
<a href="#">verifyCreateLicense</a>	Method


## Complex Type: createFulfillmentResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedFulfillmentDataListType</a>	0..1	Information about the licenses that were not verified is listed in the <b>failedData</b> element. See <a href="#">failedFulfillmentDataListType</a> .									
responseData	<a href="#">createdFulfillmentDataListType</a>	0..1	Information about the licenses that were verified is listed in the <b>responseData</b> element. See <a href="#">createdFulfillmentDataListType</a> .									

## Referenced By

Name	Type
<a href="#">createLicenseResponse</a>	Element
<a href="#">verifyCreateLicenseResponse</a>	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	<a href="#">activationIdsListType</a>	1..1	Required. See <a href="#">activationIdsListType</a> .
hostIdDataSet	<a href="#">hostIdDataSetType</a>	1..1	Required. See <a href="#">hostIdDataSetType</a> .
countDataSet	<a href="#">countDataSetType</a>	0..1	See <a href="#">countDataSetType</a> .
commonBatchDataSet	<a href="#">commonBatchDataSetType</a>	1..1	See <a href="#">commonBatchDataSetType</a> .

### Referenced By

Name	Type
<a href="#">createLicensesAsBatchAndConsolidateRequest</a>	Element
<a href="#">createLicensesAsBatchRequest</a>	Element
<a href="#">createLicensesAsBatch</a>	Method
<a href="#">createLicensesAsBatchAndConsolidate</a>	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	<a href="#">fulfillmentDataType</a>	1..*	See <a href="#">Complex+Types.LicenseService#tns:fulfillmentDataType</a> <a href="#">fulfillmentDataType</a> .


## Complex Type: createLicensesAsBatchResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">createLicensesAsBatchResponseDataType</a>	0..1	Information about the licenses that were generated is listed in the responseData element. See <a href="#">createLicensesAsBatchResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">createLicensesAsBatchResponse</a>	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	<a href="#">publisherAttributesListDataType</a>	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 <a href="#">publisherAttributesListDataType</a> .
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	<a href="#">fulfillmentIdentifierType</a>	0..1	Optional. If you specify a shortCodeActivationType of REINSTALL, provide a value for reinstallFulfillment to identify the fulfillment. See <a href="#">fulfillmentIdentifierType</a> .



## 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 <b>dateValue</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the version date value.</li><li>• <b>searchType</b>—one of the following DateQueryType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
numberValue	NumberQueryType	0..1	<p>Optional. Depending on the attribute type, set either <b>stringValue</b> or <b>numberValue</b> or <b>booleanValue</b>. A <b>numberValue</b> element contains:</p> <ul style="list-style-type: none"><li>• <b>value</b>—an integer number to match part or all of the custom attribute value.</li><li>• <b>searchType</b>—one of the following NumberQueryType values:<ul style="list-style-type: none"><li>• GREATER_THAN</li><li>• GREATER_THAN_EQUALS</li><li>• LESS_THAN</li><li>• LESS_THAN_EQUALS</li><li>• EQUALS</li><li>• NOT_EQUALS</li></ul></li></ul>
stringValue	SimpleQueryType	0..1	<p>Optional. Depending on the attribute type, set either <b>stringValue</b> or <b>numberValue</b> or <b>booleanValue</b>. A <b>stringValue</b> element contains:</p> <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the custom attribute value.</li><li>• <b>searchType</b>—one of the following SimpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## 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	<a href="#">customAttributeQueryType</a>	0..*	The <b>attributeName</b> . See <a href="#">customAttributeQueryType</a> .

## 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	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .
hostType	<a href="#">hostTypePKType</a>	0..1	See <a href="#">hostTypePKType</a> .

## 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	<a href="#">fulfillmentIdListType</a>	1..1	See <a href="#">fulfillmentIdListType</a> .

### Referenced By

Name	Type
<a href="#">deleteOnholdFulfillmentsRequest</a>	Element
<a href="#">deleteOnholdFulfillments</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedOnholdFulfillmentListType</a>	0..1	See <a href="#">failedOnholdFulfillmentListType</a> .									

### Referenced By

Name	Type
<a href="#">deleteOnholdFulfillmentsResponse</a>	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	<a href="#">DictionaryEntriesCollection</a>	0..1	Required. One or more DictionaryEntries, each mapping to a fulfillment-time attribute (either FlexNet or custom license attribute). See <a href="#">DictionaryEntriesCollection</a> .



## 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	<a href="#">DictionaryEntry</a>	1..*	Required. A key/value pair for a fulfillment-time attribute (either FlexNet or custom license attributes). See <a href="#">DictionaryEntry</a> .

## 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: <b>&amp;apos;value1,value2&amp;apos;</b> 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	<a href="#">fulfillmentIdentifierType</a>	1..*	Existing duplicate fulfillment records. See <a href="#">fulfillmentIdentifierType</a> .


## 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 <b>DurationUnit</b> .
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: <ul style="list-style-type: none"><li>• DAYS</li><li>• WEEKS</li><li>• MONTHS</li><li>• YEARS</li></ul>

## 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	<a href="#">consolidatedLicenseIdListType</a>	1..1	Required. An <b>emailConsolidatedLicenseRequest</b> contains a <b>consolidatedLicenseIdList</b> element identifying the licenses to be emailed. See <a href="#">consolidatedLicenseIdListType</a> .
validateEmailAddresses	boolean	0..1	Optional. Perform simple validation of email addresses in the request? Default is false.
emailIdList	<a href="#">emailContactListType</a>	0..1	See <a href="#">emailContactListType</a> .
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
<a href="#">emailConsolidatedLicensesRequest</a>	Element
<a href="#">emailConsolidatedLicenses</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

### Referenced By

Name	Type
<a href="#">emailConsolidatedLicensesResponse</a>	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	<a href="#">fulfillmentIdentifierType</a>	1..1	Required. An <b>emailLicenseRequest</b> contains a <b>fulfillmentIdentifier</b> element identifying the license to be emailed. See <a href="#">FulfillmentIdentifierType</a> .
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	<a href="#">emailContactListType</a>	0..1	See <a href="#">emailContactListType</a> .
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
<a href="#">emailLicenseRequest</a>	Element
<a href="#">emailLicense</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

### Referenced By

Name	Type
<a href="#">emailLicenseResponse</a>	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	<a href="#">fulfillmentIdentifierType</a>	1..1	See <a href="#">fulfillmentIdentifierType</a> .
licenseModelAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">ServerIdsType</a>	0..1	See <a href="#">ServerIdsType</a> .
nodeIds	<a href="#">NodeIdsType</a>	0..1	See <a href="#">NodeIdsType</a> .
customHost	<a href="#">CustomHostIDType</a>	0..1	See <a href="#">CustomHostIDType</a> .

## 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	<a href="#">emergencyFulfillmentData</a> <a href="#">Type</a>	1..*	See <a href="#">failedEmergencyResponseListDataType</a> .

### Referenced By

Name	Type
<a href="#">emergencyLicenseRequest</a>	Element
<a href="#">emergencyLicense</a>	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	<a href="#">fulfillmentDataType</a>	0..1	See <a href="#">fulfillmentDataType</a> .


## 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">emergencyResponseDataType</a>	0..1	See <a href="#">emergencyResponseDataType</a> .									
failedData	<a href="#">failedEmergencyResponseListDataType</a>	0..1	See <a href="#">failedEmergencyResponseListDataType</a> .									

### Referenced By

Name	Type
<a href="#">emergencyLicenseResponse</a>	Element

## Complex Type: emergencyResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentData	<a href="#">emergencyFulfillmentResponseDataType</a>	0..*	See <a href="#">emergencyFulfillmentResponseDataType</a> .

## 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	<a href="#">entitledProductDataType</a>	0..*	See <a href="#">entitledProductDataType</a> .


## 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	<a href="#">productIdentifierType</a>	0..1	See <a href="#">productIdentifierType</a> .
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	<a href="#">entitlementPKType</a>	0..1	Database primary key of the entitlement—string containing the <b>entitlementId</b> 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	<a href="#">entitlementLineItemPKType</a>	0..1	Database primary key of the entitlement line item—string containing the <b>activationId</b> 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: failedAdvancedFmtLCDDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	<a href="#">advancedFulfillmentLCD ataType</a>	1..1	See <a href="#">advancedFulfillmentLCDDataType</a> .
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	<a href="#">failedAdvancedFmtLCData Type</a>	1..*	<b>failedData</b> contains one or more <b>failedFulfillment</b> elements. See <a href="#">failedAdvancedFmtLCData Type</a> .

## 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	<a href="#">failedChildLIFulfillmentDataType</a>	1..*	<b>failedData</b> contains one or more <b>failedFulfillment</b> elements. See <a href="#">failedChildLIFulfillmentDataType</a> .

## 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	<a href="#">createChildLineItemFulfillmentDataType</a>	1..1	See <a href="#">createChildLineItemFulfillmentDataType</a> .
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	<a href="#">emergencyFulfillmentData aType</a>	1..1	See <a href="#">emergencyFulfillmentDataType</a> .
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	<a href="#">failedEmergencyResponseDataType</a>	0..*	See <a href="#">failedEmergencyResponseDataType</a> .

## 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	<a href="#">failedFulfillmentDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedFulfillment</b> elements. See <a href="#">failedFulfillmentDataType</a> .

## 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	<a href="#">createFulfillmentDataType</a>	1..1	See <a href="#">createFulfillmentDataType</a> .
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	<a href="#">fulfillmentIdentifierType</a>	1..1	See <a href="#">fulfillmentIdentifierType</a> .
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	<a href="#">failedOnholdFulfillmentData Type</a>	1..*	See <a href="#">failedOnholdFulfillmentData Type</a> .

## 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	<a href="#">publisherErrorFulfillment DataType</a>	1..1	See <a href="#">publisherErrorFulfillmentDataType</a> .
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	<a href="#">failedPublisherErrorResponseDataType</a>	0..*	See <a href="#">failedPublisherErrorResponseDataType</a> .

## 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	<a href="#">rehostFulfillmentDataType</a>	1..1	See <a href="#">rehostFulfillmentDataType</a> .
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	<a href="#">failedRehostResponseDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedFulfillment</b> elements. See <a href="#">failedRehostResponseDataType</a> .

## 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	<a href="#">repairFulfillmentDataType</a>	1..1	See <a href="#">repairFulfillmentDataType</a> .
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	<a href="#">failedRepairResponseDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedFulfillment</b> elements. See <a href="#">failedRepairResponseDataType</a> .

## 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	<a href="#">repairShortCodeDataType</a>	1..1	See <a href="#">repairShortCodeDataType</a> .
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	<a href="#">returnFulfillmentDataType</a> <a href="#">e</a>	1..1	See <a href="#">returnFulfillmentDataType</a> .
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	<a href="#">failedReturnResponseData Type</a>	0..*	<b>failedData</b> contains one or more <b>failedFulfillment</b> elements. See <a href="#">failedReturnResponseData Type</a> .



## 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	<a href="#">returnShortCodeDataType</a> <a href="#">e</a>	1..1	See <a href="#">returnShortCodeDataType</a> .
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	<a href="#">onHoldFmtLicenseDataType</a>	1..1	See <a href="#">onholdFmtLicenseDataType</a> .
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	<a href="#">failedSetLicenseOnholdFulfillmentDataType</a>	1..*	See <a href="#">failedSetLicenseOnholdFulfillmentDataType</a> .

## 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	<a href="#">createShortCodeDataType</a>	1..1	See <a href="#">createShortCodeDataType</a> .
reason	string	1..1	String containing the reason the short code response was not generated.
duplicateFulfillmentRecords	<a href="#">duplicateFulfillmentRecordListDataType</a>	0..1	Optional. See <a href="#">duplicateFulfillmentRecordListDataType</a> .

## 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	<a href="#">stopGapFulfillmentDataType</a>	1..1	See <a href="#">stopGapFulfillmentDataType</a> .
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	<a href="#">failedStopGapResponse DataType</a>	0..*	See <a href="#">failedStopGapResponseDataType</a> .


## 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	<a href="#">transferHostIdDataType</a>	0..1	See <a href="#">transferHostIdDataType</a> .
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	<a href="#">failedTransferHostDataType</a>	0..*	<b>failedData</b> contains one or more <b>failedHost</b> elements. See <a href="#">failedTransferHosttDataType</a> .



## 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	<a href="#">featureBundlePKType</a>	0..1	Database primary key of the feature bundle—a string containing the <b>name</b> 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	<a href="#">featurePKType</a>	0..1	Database primary keys of the feature—strings containing <b>name</b> and, if the feature version format is FIXED, the <b>version</b> of the feature. If the feature version format is DATE_BASED, specify only <b>name</b> .

## 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	<a href="#">entitlementIdentifierType</a>	1..1	See <a href="#">entitlementIdentifierType</a> .
fulfillmentIdentifier	<a href="#">fulfillmentIdentifierType</a>	1..1	Fulfillment ID of the fulfillment record created when this license was generated. See <a href="#">fulfillmentIdentifierType</a> .
fulfillmentType	string	1..1	CERTIFICATE or TRUSTED.
lineltem	<a href="#">entitlementLineltemIdentifierType</a>	1..1	See <a href="#">entitlementLineltemIdentifierType</a> .
product	<a href="#">productIdentifierType</a>	1..1	See <a href="#">productIdentifierType</a> .
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	<a href="#">ServerIdsType</a>	0..1	One or three license server machine hostids if a server hostid is required by the license model. See <a href="#">ServerIdsType</a> .
nodeIds	<a href="#">NodeIdsType</a>	0..1	One or more node-locked hostids if a node-locked hostid is required by the license model. See <a href="#">NodeIdsType</a> .
customHost	<a href="#">CustomHostIDType</a>	0..1	See <a href="#">CustomHostIDType</a> .
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 <b>includeLicenseText</b> 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	<a href="#">consolidatedHostLicenseDataType</a>	0..1	Returned if <b>includeConsolidatedHostLicense</b> in the request is not set to false. <b>consolidatedHostLicense</b> contains an array of <b>license</b> elements.
supportAction	SupportLicenseType	0..1	One of the following: <ul style="list-style-type: none"> <li>• MASTER</li> <li>• REHOST</li> <li>• RETURN</li> <li>• REPAIR</li> <li>• STOPGAP</li> <li>• EMERGENCY</li> <li>• PUBLISHER_ERROR</li> <li>• REGENERATE</li> </ul>
lastModifiedDateTime	dateTime	1..1	Date and time that the license was last modified.
parentFulfillmentId	<a href="#">fulfillmentIdentifierType</a>	0..1	Fulfillment ID of the parent of this fulfillment, if this fulfillment is the result of a support action. See <a href="#">fulfillmentIdentifierType</a> .
licenseTechnology	<a href="#">licenseTechnologyIdentifierType</a>	0..1	License technology of the product. See <a href="#">licenseTechnologyIdentifierType</a> .
licenseModelAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	License model attribute. See <a href="#">Complex+Types.LicenseService#tns:attributeDescriptorDataType</a> .
state	StateType	0..1	ACTIVE or OBSOLETE.
fulfillmentSource	<a href="#">FulfillmentSourceType</a>	0..1	The fulfillment source type. See <a href="#">FulfillmentSourceType</a> .
licenseFiles	<a href="#">licenseFileDataListType</a>	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 <a href="#">licenseFileDataListType</a> .
entitledProducts	<a href="#">entitledProductDataListType</a>	0..1	See <a href="#">entitledProductDataListType</a> .

## Content Model

Component	Type	Occurs	Description
activationType	ActivationType	0..1	<p>The trusted activation type. One of the following:</p> <ul style="list-style-type: none"> <li>• PROGRAMMATIC</li> <li>• MANUAL</li> <li>• SHORT_CODE</li> <li>• DEFAULT</li> </ul>

## 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	<a href="#">fulfillmentHistoryDetailsType</a>	1..1	See <a href="#">fulfillmentHistoryDetailsType</a> .



## 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	<a href="#">fulfillmentHistoryRecordType</a>	1..*	See <a href="#">fulfillmentHistoryRecordType</a> .

## 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: <ul style="list-style-type: none"><li>APPLICATION (through the publisher or portal UI)</li><li>LEGACY (imported legacy fulfillments)</li><li>ONLINE (through web services)</li></ul>

## 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	<a href="#">fulfillmentIdentifierType</a>	1..*	See <a href="#">fulfillmentIdentifierType</a> .

## 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	<a href="#">fulfillmentPKType</a>	0..1	Database primary key of the fulfillment—a string containing the <b>fulfillmentID</b> .

## Complex Type: fulfillmentListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillmentIdentifier	<a href="#">fulfillmentIdentifierType</a>	1..*	See <a href="#">fulfillmentIdentifierType</a> .

## 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	<a href="#">fulfillmentIdentifierType</a>	0..1	Fulfillment ID. See <a href="#">fulfillmentIdentifierType</a> .
fulfillmentType	string	0..1	CERTIFICATE or TRUSTED.
state	StateType	0..1	ACTIVE or OBSOLETE.
entitlementId	<a href="#">entitlementIdentifierType</a>	0..1	See <a href="#">entitlementIdentifierType</a> .
lineItemId	<a href="#">entitlementLineItemIdentifierType</a>	0..1	See <a href="#">entitlementLineItemIdentifierType</a> .
product	<a href="#">productIdentifierType</a>	0..1	Product. See <a href="#">productIdentifierType</a> .
productDescription	string	0..1	Brief description of product.
partNumber	<a href="#">partNumberIdentifierType</a>	0..1	Part number.
partNumberDescription	string	0..1	Brief description of part number.
licenseTechnology	<a href="#">licenseTechnologyIdentifierType</a>	0..1	License technology. See <a href="#">licenseTechnologyIdentifierType</a> .
licenseModel	<a href="#">licenseModelIdentifierType</a>	0..1	License model. See <a href="#">licenseModelIdentifierType</a> .
soldTo	<a href="#">accountIdentifierType</a>	0..1	Account to which the license was sold. See <a href="#">accountIdentifierType</a> .
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	<a href="#">fulfillmentIdentifierType</a>	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 <a href="#">fulfillmentIdentifierType</a> .
fulfillmentSource	<a href="#">FulfillmentSourceType</a>	0..1	Indicates how a particular fulfillment record was generated. See <a href="#">FulfillmentSourceType</a>
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	<a href="#">attributeDescriptorDataType</a>	0..1	Custom attributes associated with the license. See <a href="#">attributeDescriptorDataType</a> .
customHostAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	Custom host attributes associated with the license. See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">licenseFileDataListType</a>	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 <a href="#">licenseFileDataListType</a> .
entitledProducts	<a href="#">entitledProductDataListType</a>	0..1	See <a href="#">entitledProductDataListType</a> .



## 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: <ul style="list-style-type: none"><li>• PROGRAMMATIC</li><li>• MANUAL</li><li>• SHORT_CODE</li><li>• DEFAULT</li></ul>

## 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 <a href="#">licenseFileDataListType</a> .
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 <b>entitlementId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the entitlement ID.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
activationId	SimpleQueryType	0..1	Optional. An <b>activationId</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the activationId.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
fulfillmentId	SimpleQueryType	0..1	Optional. A <b>fulfillmentId</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the fulfillment ID.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
product	SimpleQueryType	0..1	Optional. A <b>product</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the product name.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
hostId	SimpleQueryType	0..1	Optional. A <b>hostId</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of any of the server or node-locked hostids.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
nodeLockHostId	SimpleQueryType	0..1	Optional. A <b>nodeLockHostId</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match all or part of the license technology.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
soldTo	SimpleQueryType	0..1	Optional. A <b>soldTo</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the sold-to account.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
fulfillDate	DateQueryType	0..1	Optional. A <b>fulfillDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the fulfill date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
fulfillDateTime	DateTimeQueryType	0..1	Optional. A <b>fulfillDateTime</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date and time value to compare to the fulfill date and time value.</li> <li>• <b>searchType</b>—one of the following dateSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
startDate	DateQueryType	0..1	Optional. A <b>startDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the start date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>
expirationDate	DateQueryType	0..1	Optional. A <b>expirationDate</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date value to compare to the expiration date value.</li> <li>• <b>searchType</b>—one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
lastModifiedDateTime	DateTimeQueryType	0..1	Optional. A <b>lastModifiedDateTime</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a date and time value to compare to the last modified date and time value.</li> <li>• <b>searchType</b>—which is one of the following datedSearchType values: <ul style="list-style-type: none"> <li>• BEFORE</li> <li>• AFTER</li> <li>• ON</li> </ul> </li> <li>• Valid only for FlexNet Operations 8.3.0.3 and later.</li> </ul>
state	StateQueryType	0..1	Optional. A <b>state</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a StateType value of ACTIVE, ON_HOLD or OBSOLETE to match part or all of the state value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
licenseTechnology	SimpleQueryType	0..1	Optional. A <b>licenseTechnology</b> element contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the license technology.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>



## 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	<a href="#">FulfillmentSourceType</a>	0..1	See <a href="#">FulfillmentSourceType</a> .
customAttributes	<a href="#">customAttributesQueryListType</a>	0..1	See <a href="#">customAttributeQueryListType</a> .
customHostAttributes	<a href="#">customAttributesQueryListType</a>	0..1	See <a href="#">customAttributeQueryListType</a> .
activationType	ActivationType	0..1	One of the following: <ul style="list-style-type: none"> <li>PROGRAMMATIC</li> <li>MANUAL</li> <li>SHORT_CODE</li> <li>DEFAULT</li> </ul>

## 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	<a href="#">consolidatedFulfillmentsQPType</a>	0..1	Required. See <a href="#">consolidatedFulfillmentsQPType</a> . Leave this element blank to return all consolidated fulfillments.

### Referenced By

Name	Type
<a href="#">getConsolidatedFulfillmentCountRequest</a>	Element
<a href="#">getConsolidatedFulfillmentCount</a>	Method


## Complex Type: getConsolidatedFulfillmentCountResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	getConsolidatedFulfillmentCountResponseType	0..1	Contains an integer <b>count</b> element.									

### Referenced By

Name	Type
<a href="#">getConsolidatedFulfillmentCountResponse</a>	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	<a href="#">consolidatedFulfillmentsQPTYPE</a>	0..1	Required. See <a href="#">consolidatedFulfillmentsQPTYPE</a> .
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 <b>pageNumber</b> 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
<a href="#">getConsolidatedFulfillmentsQueryRequest</a>	Element
<a href="#">getConsolidatedFulfillmentsQuery</a>	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	<a href="#">consolidatedLicenseDataType</a>	0..*	See <a href="#">consolidatedLicenseDataType</a> .


## Complex Type: getConsolidatedFulfillmentsQueryResponseType

### 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 Types</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Types	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Types	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getConsolidatedFulfillmentsQueryResponseType</a>	0..1	See <a href="#">getConsolidatedFulfillmentsQueryResponseType</a> .									

### Referenced By

Name	Type
<a href="#">getConsolidatedFulfillmentsQueryResponse</a>	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	<a href="#">activationIdsListType</a>	1..1	Required. A <b>getFmtAttributesForBatchActivationRequest</b> contains an <b>activationIds</b> element identifying the activation IDs whose fulfillment-time attributes to return. See <a href="#">activationIdsListType</a> .

### Referenced By

Name	Type
<a href="#">getFmtAttributesForBatchActivationRequest</a>	Element
<a href="#">getFulfillmentAttributesForBatchActivation</a>	Method




## Complex Type: getFmtAttributesForBatchActivationResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getFmtAttributesForBatchDataType</a>	0..1	A list of license model attributes that are set at fulfillment time are contained in the <b>responseData</b> element. See <a href="#">getFmtAttributesForBatchDataType</a> .									

### Referenced By

Name	Type
<a href="#">getFmtAttributesForBatchActivationResponse</a>	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 if 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 <b>needSoldTo</b> 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	<a href="#">overDraftDataListType</a>	1..1	See <a href="#">overDraftDataListType</a> .
modelType	string	1..1	Name of the license model common to these activatable items.
modelAttributes	<a href="#">attributeMetaDescriptorData Type</a>	0..1	Fulfillment attributes for the license model. See <a href="#">attributeMetaDescriptorData Type</a> .
hostAttributes	<a href="#">attributeMetaDescriptorData Type</a>	0..1	Host attributes for the license model. See <a href="#">attributeMetaDescriptorData Type</a> .
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	<a href="#">attributeMetaDescriptorDataType</a>	0..1	See <a href="#">attributeMetaDescriptorDataType</a> .
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	<a href="#">licenseModelIdentifierType</a>	1..1	Required. A <b>getFulfillmentAttributesRequest</b> contains a <b>licenseModelIdentifier</b> element identifying the license model whose attributes to return. See <a href="#">licenseModelIdentifierType</a> .

### Referenced By

Name	Type
<a href="#">getFulfillmentAttributesRequest</a>	Element
<a href="#">getFulfillmentAttributesFromModel</a>	Method


## Complex Type: getFulfillmentAttributesResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getFulfillmentAttributesData Type</a>	0..1	A list of license model attributes that are set at fulfillment time are contained in the <b>responseData</b> element. See <a href="#">getFulfillmentAttributesData Type</a> .									

### Referenced By

Name	Type
<a href="#">getFulfillmentAttributesResponse</a>	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	<a href="#">fulfillmentsQueryParametersType</a>	0..1	Required. See <a href="#">fulfillmentsQueryParametersType</a> . Leave this element blank to return all fulfillments.
excludeInactiveObsoleteLineItems	boolean	0..1	

### Referenced By

Name	Type
<a href="#">getFulfillmentCountRequest</a>	Element
<a href="#">getFulfillmentCount</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	getFulfillmentCountResponseType	0..1	Contains an integer <b>count</b> element.									

### Referenced By

Name	Type
<a href="#">getFulfillmentCountResponse</a>	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: <ul style="list-style-type: none"><li>• ACTIVATED</li><li>• RETURN</li><li>• REPAIR</li><li>• REHOST</li><li>• STOPGAP</li><li>• EMERGENCY</li><li>• PUBLISHER_ERROR</li><li>• UPGRADE</li><li>• UPSELL</li><li>• RENEW</li><li>• REINSTALL</li><li>• ACTIVATED_ONHOLD</li></ul>
fulfillmentSource	<a href="#">FulfillmentSourceType</a>	0..1	Optional. See <a href="#">FulfillmentSourceType</a> .
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 <b>pageNumber</b> to 2.
batchSize	integer	0..1	Required. Maximum number of records to return in the response.

## Referenced By

Name	Type
<a href="#">getFulfillmentHistoryRequest</a>	Element
<a href="#">getFulfillmentHistory</a>	Method


## Complex Type: getFulfillmentHistoryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">fulfillmentHistoryDataType</a>	0..1	See <a href="#">fulfillmentHistoryDataType</a> .									

### Referenced By

Name	Type
<a href="#">getFulfillmentHistoryResponse</a>	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	<a href="#">fulfillmentsQueryParametersType</a>	1..1	Required. See <a href="#">fulfillmentsQueryParametersType</a> .
fulfillmentResponseConfig	<a href="#">fulfillmentResponseConfigRequestType</a>	1..1	See <a href="#">fulfillmentResponseConfigRequestType</a> .
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 <b>pageNumber</b> to 2.

### Referenced By

Name	Type
<a href="#">getFulfillmentPropertiesRequest</a>	Element
<a href="#">getFulfillmentPropertiesQuery</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
fulfillment	<a href="#">fulfillmentPropertiesType</a>	0..*	See <a href="#">fulfillmentPropertiesType</a> .									

### Referenced By

Name	Type
<a href="#">getFulfillmentPropertiesResponse</a>	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	<a href="#">fulfillmentsQueryParametersType</a>	0..1	Required. See <a href="#">fulfillmentsQueryParametersType</a> .
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 <b>pageNumber</b> 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.
excludeInactiveObsoleteItems	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
<a href="#">getFulfillmentsQueryRequest</a>	Element
<a href="#">getFulfillmentsQuery</a>	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	<a href="#">fulfillmentDataType</a>	0..*	See <a href="#">fulfillmentDataType</a> .


## Complex Type: getFulfillmentsQueryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getFulfillmentsQueryResponseType</a>	0..1	See <a href="#">getFulfillmentsQueryResponseType</a> .									

### Referenced By

Name	Type
<a href="#">getFulfillmentsQueryResponse</a>	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	<a href="#">attributeMetaDescriptorDataType</a>	0..1	See <a href="#">attributeMetaDescriptorDataType</a> .



## 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	<a href="#">licenseTechnologyIdentifierType</a>	1..1	License technology of the product. See <a href="#">licenseTechnologyIdentifierType</a> .
hostType	<a href="#">hostTypePKType</a>	0..1	If a license technology has more than 1 host type, the host type must be specified. See <a href="#">hostTypePKType</a> .

### Referenced By

Name	Type
<a href="#">getHostAttributesRequest</a>	Element
<a href="#">getHostAttributesFromLicenseTechnology</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getHostAttributesDataType</a>	0..1	See <a href="#">getHostAttributesDataType</a> .									

### Referenced By

Name	Type
<a href="#">getHostAttributesResponse</a>	Element

## 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	<a href="#">ServerIdsType</a>	0..1	Provide one or three license server machine hostids if a server hostid is required by the license model. See <a href="#">ServerIdsType</a> .
nodeLockHost	string	0..1	Provide one node-locked hostid if the license model is a node-locked uncounted model.
countedNodeLockHostIds	<a href="#">NodeIdsType</a>	0..1	Provide one or more node-locked hostids if the license model is a node-locked counted model. See <a href="#">NodeIdsType</a> .
customHost	<a href="#">CustomHostIDType</a>	0..1	Optional. See <a href="#">CustomHostIDType</a> .
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 <b>countFromParent</b> , 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	<a href="#">hostIdDataType</a>	1..*	Required. See <a href="#">hostIdDataType</a> .


## 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	<a href="#">ServerIdsType</a>	0..1	Provide one or three license server machine hostids if a server hostid is required by the license model. See <a href="#">ServerIdsType</a> .
nodeIds	<a href="#">NodeIdsType</a>	0..1	Provide one or more node-locked hostids if a node-locked hostid is required by the license model. See <a href="#">NodeIdsType</a> .
customHost	<a href="#">CustomHostIDType</a>	0..1	Optional. See <a href="#">customHostIDType</a> .

## 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	<a href="#">hostIdDataDetailsType</a>	1..*	Required. Each <b>hostIdData</b> 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 <a href="#">hostIdDataDetailsType</a> .

## 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	<a href="#">licenseFileDataType</a>	0..*	See <a href="#">licenseFileDataType</a> .




## 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	<a href="#">licenseGeneratorPKType</a>	0..1	Database primary key of the license generator configuration—string containing the <b>name</b> 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 <b>name</b> 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	<a href="#">licenseModelPKType</a>	0..1	Database primary key of the license model—a string containing the <b>name</b> 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 <b>name</b> 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	<a href="#">licenseTechnologyPKType</a>	0..1	Database primary key of the license technology—string containing the <b>name</b> 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 <b>name</b> of the license technology.

## Complex Type: maintenancelIdentifierType

### 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	<a href="#">maintenancePKType</a>	0..1	Database primary key of the maintenance product—strings containing the <b>name</b> and <b>version</b> 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 <b>name</b> of the maintenance product.
version	string	1..1	The <b>version</b> 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	<a href="#">licenseFileDataListType</a>	0..1	See <a href="#">licenseFileDataListType</a> .

## 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	<a href="#">onHoldFmtLicenseDataT ype</a>	1..*	See <a href="#">onHoldFmtLicenseDataType</a> .

## 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	<a href="#">activationIdOverDraftMapType</a>	1..*	<b>overDraftData</b> contains one or more <b>activationIdMap</b> elements. See <a href="#">activationIdOverDraftMapType</a> .

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	<a href="#">partNumberPKType</a>	0..1	Database primary key of the part number—string containing the <b>partId</b> 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	<a href="#">partNumberPKType</a>	0..1	Database primary key of the part number—a string containing the <b>partId</b> of the part number.
licenseModel	<a href="#">licenseModelIdentifierType</a>	0..1	Optional, if you want to map a part number for a product to one specific license model linked to the product. See <a href="#">licenseModelIdentifierType</a> .


## 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	<a href="#">productPKType</a>	0..1	Database primary key of the product—strings containing the <b>name</b> and <b>version</b> 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	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .
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 <b>name</b> of the product.
version	string	1..1	The <b>version</b> 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	<a href="#">simpleAttributeDataType</a>	1..*	An attribute element contains two strings: <ul style="list-style-type: none"><li>• <b>attributeName</b></li><li>• <b>attributeValue</b></li></ul>

## 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	<a href="#">fulfillmentIdentifierType</a>	1..1	See <a href="#">fulfillmentIdentifierType</a> .
licenseModelAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">ServerIdsType</a>	0..1	See <a href="#">ServerIdsType</a> .
nodeIds	<a href="#">NodeIdsType</a>	0..1	See <a href="#">NodeIdsType</a> .
customHost	<a href="#">CustomHostIDType</a>	0..1	See <a href="#">CustomHostIDType</a> .
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	<a href="#">publisherErrorFulfillmentDataType</a>	1..*	See <a href="#">publisherErrorFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">publisherErrorLicenseRequest</a>	Element
<a href="#">publisherErrorLicense</a>	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	<a href="#">fulfillmentDataType</a>	0..1	See <a href="#">fulfillmentDataType</a> .

## 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">publisherErrorResponseDataType</a>	0..1	See <a href="#">publisherErrorResponseDataType</a> .									
failedData	<a href="#">failedPublisherErrorResponseListDataType</a>	0..1	See <a href="#">failedPublisherErrorResponseListDataType</a> .									

### Referenced By

Name	Type
<a href="#">publisherErrorLicenseResponse</a>	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	<a href="#">publisherErrorFulfillmentResponseDataType</a>	0..*	See <a href="#">publisherErrorFulfillmentResponseDataType</a> .

## 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	<a href="#">fulfillmentIdentifierType</a>	1..1	Required. See <a href="#">fulfillmentIdentifierType</a> .
serverIds	<a href="#">ServerIdsType</a>	0..1	Provide one or three license server machine hostids if a server hostid is required by the license model. See <a href="#">ServerIdsType</a> .
nodeIds	<a href="#">NodeIdsType</a>	0..1	Provide one or more node-locked hostids if a node-locked hostid is required by the license model. See <a href="#">NodeIdsType</a> .
customHost	<a href="#">CustomHostIDType</a>	0..1	Optional. See <a href="#">CustomHostIDType</a> .
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 <b>partialCount</b> 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	<a href="#">rehostFulfillmentDataType</a>	1..*	Required. A <b>rehostLicenseRequest</b> contains an array of <b>fulfillment</b> elements. See <a href="#">rehostFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">rehostLicenseRequest</a>	Element
<a href="#">rehostLicense</a>	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	<a href="#">fulfillmentDataType</a>	1..2	Array of fulfillment records of type fulfillmentDataType. See <a href="#">fulfillmentDataType</a> .


## Complex Type: rehostFulfillmentResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">rehostResponseDataType</a>	0..1	Information about the fulfillments that were rehosted is listed in the <b>responseData</b> element. See <a href="#">rehostResponseDataType</a> .									
failedData	<a href="#">failedRehostResponseListDataType</a>	0..1	Information about the fulfillments that were not rehosted is listed in the <b>failedData</b> element. See <a href="#">failedRehostResponseListDataType</a> .									

### Referenced By

Name	Type
<a href="#">rehostLicenseResponse</a>	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	<a href="#">rehostFulfillmentResponseDataType</a>	0..*	<b>responseData</b> contains one or more <b>fulfillmentData</b> elements. See <a href="#">rehostFulfillmentResponseDataType</a> .

## 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	<a href="#">fulfillmentIdentifierType</a>	1..1	Required. See <a href="#">fulfillmentIdentifierType</a> .
licenseModelAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	Modify editable fulfillment-time license model attributes. See <a href="#">attributeDescriptorDataType</a> .
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	<a href="#">repairFulfillmentDataType</a>	1..*	Required. A <b>repairLicenseRequest</b> contains an array of <b>fulfillment</b> elements. See <a href="#">repairFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">repairLicenseRequest</a>	Element
<a href="#">repairLicense</a>	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	<a href="#">fulfillmentDataType</a>	0..1	Fulfillment record of type fulfillmentDataType. See <a href="#">fulfillmentDataType</a> .


## 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">repairResponseDataType</a>	0..1	Information about the fulfillments that were repaired is listed in the <b>responseData</b> element. See <a href="#">repairResponseDataType</a> .									
failedData	<a href="#">failedRepairResponselistDataType</a>	0..1	Information about the fulfillments that were not repaired is listed in the <b>failedData</b> element. See <a href="#">failedRepairResponselistDataType</a> .									

### Referenced By

Name	Type
<a href="#">repairLicenseResponse</a>	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	<a href="#">repairFulfillmentResponseDataType</a>	0..*	<b>responseData</b> contains one or more <b>fulfillmentData</b> elements. See <a href="#">repairFulfillmentResponseDataType</a> .


## 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	<a href="#">publisherAttributesListDataType</a>	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 <a href="#">publisherAttributesListDataType</a> .
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	<a href="#">repairShortCodeDataTy e</a>	0..1	Required. A <b>repairShortCodeRequest</b> contains a <b>shortCodeData</b> element. See <a href="#">repairShortCodeDataType</a> .

### Referenced By

Name	Type
<a href="#">repairShortCodeRequest</a>	Element
<a href="#">repairShortCode</a>	Method


## Complex Type: repairShortCodeResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
failedData	<a href="#">failedRepairShortCodeDataType</a>	0..1	Information about a short code repair response that was not generated is listed in the failedData element. See <a href="#">failedRepairShortCodeDataType</a> .									
responseData	<a href="#">repairedShortCodeDataType</a>	0..1	Information about a short code repair response that was generated is listed in the <b>responseData</b> element. <b>responseData</b> contains a <b>shortCode</b> repair response string. This response is delivered back to the customer to enter into an activation utility.									

### Referenced By

Name	Type
<a href="#">repairShortCodeResponse</a>	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	<a href="#">fulfillmentIdentifierType</a>	1..1	Required. See <a href="#">fulfillmentIdentifierType</a> .
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 <b>partialCount</b> 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	<a href="#">returnFulfillmentDataType</a>	1..*	Required. A <b>returnLicenseRequest</b> contains an array of <b>fulfillment</b> elements. See <a href="#">returnFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">returnLicenseRequest</a>	Element
<a href="#">returnLicense</a>	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	<a href="#">fulfillmentDataType</a>	0..1	Fulfillment record of type fulfillmentDataType. See <a href="#">fulfillmentDataType</a>


## Complex Type: returnFulfillmentResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">returnResponseDataType</a>	0..1	Information about the fulfillments that were returned is listed in the <b>responseData</b> element. For <b>returnLicense</b> , this data is only populated in the case of a partial return, not a successful one. See <a href="#">returnResponseDataType</a> .									
failedData	<a href="#">failedReturnResponselistDataType</a>	0..1	Information about the fulfillments that were not returned is listed in the <b>failedData</b> element. See <a href="#">failedReturnResponselistDataType</a> .									

Referenced By

Name	Type
<a href="#">returnLicenseResponse</a>	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	<a href="#">returnFulfillmentResponseDataType</a>	0..*	<b>responseData</b> contains one or more <b>fulfillmentData</b> elements. See <a href="#">returnFulfillmentResponseDataType</a> .

## 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	<a href="#">publisherAttributesListDataType</a>	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 <a href="#">publisherAttributesListDataType</a> .
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. <b>Note:</b> 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	<a href="#">returnShortCodeDataType</a>	0..1	Required. A <b>returnShortCodeRequest</b> contains a <b>shortCodeData</b> element. See <a href="#">returnShortCodeDataType</a> .
returnReason	ReturnedShortCodeReturnReason	0..1	Optional. The <b>returnReason</b> value can be: <ul style="list-style-type: none"><li>• UPGRADE</li><li>• UPSELL</li><li>• RENEW</li><li>• REHOST</li></ul> The <b>returnReason</b> 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
<a href="#">returnShortCodeRequest</a>	Element
<a href="#">returnShortCode</a>	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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
failedData	<a href="#">failedReturnShortCodeDataType</a>	0..1	Information about a short code return response that was not generated is listed in the failedData element. See <a href="#">failedReturnShortCodeDataType</a> .									
responseData	<a href="#">returnedShortCodeDataType</a>	0..1	Information about a short code return response that was generated is listed in the <b>responseData</b> element. <b>responseData</b> contains a <b>shortCode</b> return response string. This response is delivered back to the customer to enter into an activation utility.									

### Referenced By

Name	Type
<a href="#">returnShortCodeResponse</a>	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	<a href="#">rolePKType</a>	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 <b>name</b> 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 <b>server1</b> and both <b>server2</b> and <b>server3</b> for a set of redundant license servers.
server3	string	0..1	Optional. Specify <b>server1</b> and both <b>server2</b> and <b>server3</b> 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	<a href="#">onholdFulfillmentListType</a>	1..1	See <a href="#">onholdFulfillmentListType</a> .

### Referenced By

Name	Type
<a href="#">setLicenseRequest</a>	Element
<a href="#">setLicense</a>	Method


## Complex Type: setLicenseResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedSetLicenseOnholdFulfillmentListType</a>	0..1	Populated if setting the license failed. See <a href="#">failedSetLicenseOnholdFulfillmentListType</a> .									

### Referenced By

Name	Type
<a href="#">setLicenseResponse</a>	Element

## Complex Type: simpleAttributeDataType

### 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	
attributeValue	string	1..1	

## 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	<a href="#">fulfillmentIdentifierType</a>	1..1	See <a href="#">fulfillmentIdentifierType</a> .
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	<a href="#">stopGapFulfillmentDataType</a>	1..*	See <a href="#">stopGapFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">stopGapLicenseRequest</a>	Element
<a href="#">stopGapLicense</a>	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	<a href="#">fulfillmentDataType</a>	0..1	See <a href="#">fulfillmentDataType</a> .


## Complex Type: stopGapFulfillmentResponseType

### 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></th><th></th><th></th></tr><tr><td><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>				<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
<b>reason</b>	string	Gives reason for partial failure or failure.										
responseData	<a href="#">stopGapResponseDataType</a>	0..1	See <a href="#">stopGapResponseDataType</a> .									
failedData	<a href="#">failedStopGapResponseListDataType</a>	0..1	See <a href="#">failedStopGapResponseListDataType</a> .									

### Referenced By

Name	Type
<a href="#">stopGapLicenseResponse</a>	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	<a href="#">stopGapFulfillmentResponseDataType</a>	0..*	See <a href="#">stopGapFulfillmentResponseDataType</a> .

## 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	<a href="#">suitePKType</a>	0..1	Database primary key of the suite—strings containing the <b>name</b> and <b>version</b> 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	<a href="#">ServerIdsType</a>	0..1	Provide one or three license server machine host IDs if the host is identified by a server host ID. See <a href="#">ServerIdsType</a> .
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	<a href="#">transferHostIdDataType</a>	1..*	One or more hosts identified with a transferHostIdDataType. See <a href="#">transferHostIdDataType</a> .



## 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	<a href="#">transferHostList</a>	1..1	Required. See <a href="#">transferHostList</a> .
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
<a href="#">transferHostRequest</a>	Element
<a href="#">transferHost</a>	Method


## Complex Type: transferHostResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedTransferHostListDataType</a>	0..1	Information about the line items that were not added is listed in the <b>failedData</b> element. See <a href="#">failedTransferHostListDataType</a> .									

### Referenced By

Name	Type
<a href="#">transferHostResponse</a>	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	<a href="#">trustedKeyPKType</a>	0..1	Database primary key of the transaction key—a string containing the <b>keyName</b> 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	<b>keyName</b> 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	<a href="#">activationDataType</a>	1..1	Required. A <b>manualActivationRequest</b> contains a single <b>inputData</b> element. See <a href="#">activationDataType</a> .

### Referenced By

Name	Type
<a href="#">manualActivationRequest</a>	Element
<a href="#">manualRepairRequest</a>	Element
<a href="#">manualReturnRequest</a>	Element
<a href="#">manualActivation</a>	Method
<a href="#">manualRepair</a>	Method
<a href="#">manualReturn</a>	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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
responseData	<a href="#">activationDataType</a>	0..1	If the request was processed successfully, <b>responseData</b> contains an XML response string in an <b>activationData</b> element. This response is saved in a file and delivered back to the customer to enter into an activation utility.									

### Referenced By

Name	Type
<a href="#">manualActivationResponse</a>	Element
<a href="#">manualRepairResponse</a>	Element
<a href="#">manualReturnResponse</a>	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, <b>all</b> . 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	<a href="#">Dictionary</a>	0..1	Optional. A collection of fulfillment-time attributes (either FlexNet or custom license attributes). See <a href="#">Dictionary</a> .

## 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	<a href="#">entitledProductDataType</a>	0..*	See <a href="#">entitledProductDataType</a> .
opType	CollectionOperationType	1..1	Required. Specify one of the following for each entitlement to be modified: <ul style="list-style-type: none"> <li>REPLACE</li> <li>ADD</li> <li>DELETE</li> </ul>



## 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	<a href="#">userPKType</a>	0..1	See <a href="#">userPKType</a> .


## 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: <ul style="list-style-type: none"><li>• DEFINE_NOW</li><li>• USE_START_DATE</li><li>• USE_ACTIVATION_DATE</li><li>• DEFINE_VERSION_STARTDATE_LATER</li><li>• DEFINE_VERSION_DATE_LATER</li></ul>
duration	<a href="#">DurationType</a>	0..1	See <a href="#">DurationType</a> .


## 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: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>

# Simple Types: LicenseService

## Simple Types

Name
<a href="#">FulfillmentSourceType</a>
<a href="#">StatusType</a>

## 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
<a href="#">activateLicensesRequest</a>	An <b>activateLicensesRequest</b> message contains an element of activateLicensesRequestType.
<a href="#">activateLicensesResponse</a>	An <b>activateLicensesResponse</b> message contains an element of activateLicensesResponseType.
<a href="#">activateShortCodeRequest</a>	An <b>activateShortCodeRequest</b> message contains an element of activateShortCodeRequestType.
<a href="#">activateShortCodeResponse</a>	An <b>activateShortCodeResponse</b> message contains an element of activateShortCodeResponseType.
<a href="#">consolidateFulfillmentsRequest</a>	A <b>consolidateFulfillmentsRequest</b> message contains an element of consolidateFulfillmentsRequestType.
<a href="#">consolidateFulfillmentsResponse</a>	A <b>consolidateFulfillmentsResponse</b> message contains an element of consolidateFulfillmentsResponseType.
<a href="#">createChildLineItemFulfillmentRequest</a>	A <b>createChildLineItemFulfillmentRequest</b> message contains an element of createChildLineItemFulfillmentRequestType.
<a href="#">createChildLineItemFulfillmentResponse</a>	A <b>createChildLineItemFulfillmentResponse</b> message contains an element of createChildLineItemFulfillmentResponseType. Each fulfillment in the <b>createChildLineItemFulfillmentRequest</b> is created as an atomic unit; creating each either succeeds or fails.
<a href="#">createLicenseRequest</a>	A <b>createLicenseRequest</b> message contains an element of createFulfillmentRequestType.
<a href="#">createLicenseResponse</a>	A <b>createLicenseResponse</b> message contains an element of createFulfillmentResponseType.
<a href="#">createLicensesAsBatchAndConsolidateRequest</a>	A <b>createLicensesAsBatchAndConsolidateRequest</b> message contains an element of createLicensesAsBatchRequestType.
<a href="#">createLicensesAsBatchAndConsolidateResponse</a>	A <b>createLicensesAsBatchAndConsolidateResponse</b> message contains an element of consolidateFulfillmentsResponseType.
<a href="#">createLicensesAsBatchRequest</a>	A <b>createLicensesAsBatchRequest</b> message contains an element of createLicensesAsBatchRequestType.
<a href="#">createLicensesAsBatchResponse</a>	A <b>createLicensesAsBatchResponse</b> message contains an element of createLicensesAsBatchResponseType.
<a href="#">deleteOnholdFulfillmentsRequest</a>	A <b>deleteOnholdFulfillments</b> message contains an element of deleteOnholdFulfillmentsRequestType.
<a href="#">deleteOnholdFulfillmentsResponse</a>	A <b>deleteOnholdFulfillmentsResponse</b> message contains an element of deleteOnholdFulfillmentsResponseType.
<a href="#">emailConsolidatedLicensesRequest</a>	An <b>emailConsolidatedLicensesRequest</b> message contains an element of emailConsolidatedLicensesRequestType.
<a href="#">emailConsolidatedLicensesResponse</a>	An <b>emailConsolidatedLicenseResponse</b> message contains an element of emailConsolidatedLicenseResponseType.
<a href="#">emailLicenseRequest</a>	An <b>emailLicenseRequest</b> message contains an element of emailLicenseRequestType.
<a href="#">emailLicenseResponse</a>	An <b>emailLicenseResponse</b> message contains an element of emailLicenseResponseType.

## Elements

Name	Description
<a href="#">emergencyLicenseRequest</a>	An <b>emergencyLicenseRequest</b> message contains an element of emergencyFulfillmentRequestType.
<a href="#">emergencyLicenseResponse</a>	An <b>emergencyLicenseResponse</b> message contains an element of emergencyFulfillmentResponseType.
<a href="#">getConsolidatedFulfillmentCountRequest</a>	A <b>getConsolidatedFulfillmentCountRequest</b> message contains an element of getConsolidatedFulfillmentCountRequestType.
<a href="#">getConsolidatedFulfillmentCountResponse</a>	A <b>getConsolidatedFulfillmentCountResponse</b> message contains an element of getConsolidatedFulfillmentCountResponseType.
<a href="#">getConsolidatedFulfillmentsQueryRequest</a>	A <b>getConsolidatedFulfillmentsQueryRequest</b> message contains an element of getConsolidatedFulfillmentsQueryRequestType.
<a href="#">getConsolidatedFulfillmentsQueryResponse</a>	A <b>getConsolidatedFulfillmentsQueryResponse</b> message contains an element of getConsolidatedFulfillmentsQueryResponseType.
<a href="#">getFmtAttributesForBatchActivationRequest</a>	A <b>getFmtAttributesForBatchActivationRequest</b> message contains an element of getFmtAttributesForBatchActivationRequestType.
<a href="#">getFmtAttributesForBatchActivationResponse</a>	A <b>getFmtAttributesForBatchActivationResponse</b> message contains an element of getFmtAttributesForBatchActivationResponseType.
<a href="#">getFulfillmentAttributesRequest</a>	A <b>getFulfillmentAttributesRequest</b> message contains an element of getFulfillmentAttributesRequestType.
<a href="#">getFulfillmentAttributesResponse</a>	A <b>getFulfillmentAttributesResponse</b> message contains an element of getFulfillmentAttributesResponseType.
<a href="#">getFulfillmentCountRequest</a>	A <b>getFulfillmentCountRequest</b> message contains an element of getFulfillmentCountRequestType.
<a href="#">getFulfillmentCountResponse</a>	A <b>getFulfillmentCountResponse</b> message contains an element of getFulfillmentCountResponseType.
<a href="#">getFulfillmentHistoryRequest</a>	A <b>getFulfillmentHistoryRequest</b> message contains an element of getFulfillmentHistoryRequestType.
<a href="#">getFulfillmentHistoryResponse</a>	A <b>getFulfillmentHistoryResponse</b> message contains an element of getFulfillmentHistoryResponseType.
<a href="#">getFulfillmentPropertiesRequest</a>	A <b>getFulfillmentPropertiesRequest</b> message contains an element of getFulfillmentPropertiesRequestType.
<a href="#">getFulfillmentPropertiesResponse</a>	A <b>getFulfillmentPropertiesResponse</b> message contains an element of getFulfillmentPropertiesResponseType.
<a href="#">getFulfillmentsQueryRequest</a>	A <b>getFulfillmentsQueryRequest</b> message contains an element of getFulfillmentsQueryRequestType.
<a href="#">getFulfillmentsQueryResponse</a>	A <b>getFulfillmentsQueryResponse</b> message contains an element of getFulfillmentsQueryResponseType.
<a href="#">getHostAttributesRequest</a>	A <b>getHostAttributesRequest</b> message contains an element of getHostAttributesRequestType.
<a href="#">getHostAttributesResponse</a>	A <b>getHostAttributesFromLicenseTechnology</b> message contains an element of getHostAttributesResponseType.
<a href="#">manualActivationRequest</a>	A <b>manualActivationRequest</b> message contains an element of trustedRequestType.

## Elements

Name	Description
<a href="#">manualActivationResponse</a>	A <b>manualActivationResponse</b> message contains an element of trustedResponseType.
<a href="#">manualRepairRequest</a>	A <b>manualRepairRequest</b> message contains an element of trustedRequestType.
<a href="#">manualRepairResponse</a>	A <b>manualRepairResponse</b> message contains an element of trustedResponseType.
<a href="#">manualReturnRequest</a>	A <b>manualReturnRequest</b> message contains an element of trustedRequestType.
<a href="#">manualReturnResponse</a>	A <b>manualReturnResponse</b> message contains an element of trustedResponseType.
<a href="#">publisherErrorLicenseRequest</a>	A <b>publisherErrorLicenseRequest</b> message contains an element of publisherErrorFulfillmentRequestType.
<a href="#">publisherErrorLicenseResponse</a>	A <b>publisherErrorLicenseResponse</b> message contains an element of publisherErrorFulfillmentResponseType.
<a href="#">rehostLicenseRequest</a>	A <b>rehostLicenseRequest</b> message contains an element of rehostFulfillmentRequestType.
<a href="#">rehostLicenseResponse</a>	A <b>rehostLicenseResponse</b> message contains an element of rehostFulfillmentResponseType. Each fulfillment in the <b>rehostLicenseRequest</b> is rehosted as an atomic unit; rehosting each either succeeds or fails.
<a href="#">renewFulfillmentRequest</a>	A <b>renewFulfillmentRequest</b> message contains an element of advancedFulfillmentLCRequestType.
<a href="#">renewFulfillmentResponse</a>	A <b>renewFulfillmentResponse</b> message contains an element of advancedFulfillmentLCResponseType. Each fulfillment in the <b>renewFulfillmentRequest</b> is created as an atomic unit; creating each either succeeds or fails.
<a href="#">repairLicenseRequest</a>	A <b>repairLicenseRequest</b> message contains an element of repairFulfillmentRequestType.
<a href="#">repairLicenseResponse</a>	A <b>repairLicenseResponse</b> message contains an element of repairFulfillmentResponseType. Each fulfillment in the <b>repairLicenseRequest</b> is repaired as an atomic unit; repairing each either succeeds or fails.
<a href="#">repairShortCodeRequest</a>	A <b>repairShortCodeRequest</b> message contains an element of repairShortCodeRequestType.
<a href="#">repairShortCodeResponse</a>	A <b>repairShortCodeResponse</b> message contains an element of repairShortCodeResponseType.
<a href="#">returnLicenseRequest</a>	A <b>returnLicenseRequest</b> message contains an element of returnFulfillmentRequestType.
<a href="#">returnLicenseResponse</a>	A <b>returnLicenseResponse</b> message contains an element of returnFulfillmentResponseType. Each fulfillment in the <b>returnLicenseRequest</b> is returned as an atomic unit; returning each either succeeds or fails.
<a href="#">returnShortCodeRequest</a>	A <b>returnShortCodeRequest</b> message contains an element of returnShortCodeRequestType.

## Elements

Name	Description
<a href="#">returnShortCodeResponse</a>	A <b>returnShortCodeResponse</b> message contains an element of <b>returnShortCodeResponseType</b> .
<a href="#">setLicenseRequest</a>	A <b>setLicenseRequest</b> message contains an element of <b>setLicenseRequestType</b> .
<a href="#">setLicenseResponse</a>	A <b>setLicenseResponse</b> message contains an element of <b>setLicenseResponseType</b> .
<a href="#">stopGapLicenseRequest</a>	A <b>stopGapLicenseRequest</b> message contains an element of <b>stopGapFulfillmentRequestType</b> .
<a href="#">stopGapLicenseResponse</a>	A <b>stopGapLicenseResponse</b> message contains an element of <b>stopGapFulfillmentResponseType</b> .
<a href="#">transferHostRequest</a>	A <b>transferHostRequest</b> message contains an element of <b>transferHostRequestType</b> .
<a href="#">transferHostResponse</a>	A <b>transferHostResponse</b> message contains an element of <b>transferHostResponseType</b> . Each entitlement in the <b>transferHostResponseType</b> is transferred as an atomic unit; transferring each either succeeds or fails.
<a href="#">upgradeFulfillmentRequest</a>	An <b>upgradeFulfillmentRequest</b> message contains an element of <b>advancedFulfillmentLCRequestType</b> .
<a href="#">upgradeFulfillmentResponse</a>	An <b>upgradeFulfillmentResponse</b> message contains an element of <b>advancedFulfillmentLCResponseType</b> . Each fulfillment in the <b>upgradeFulfillmentRequest</b> is created as an atomic unit; creating each either succeeds or fails.
<a href="#">upsellFulfillmentRequest</a>	An <b>upsellFulfillmentRequest</b> message contains an element of <b>advancedFulfillmentLCRequestType</b> .
<a href="#">upsellFulfillmentResponse</a>	An <b>upsellFulfillmentResponse</b> message contains an element of <b>advancedFulfillmentLCResponseType</b> . Each fulfillment in the <b>upsellFulfillmentRequest</b> is created as an atomic unit; creating each either succeeds or fails.
<a href="#">verifyCreateLicenseRequest</a>	A <b>verifyCreateLicenseRequest</b> message contains an element of <b>createFulfillmentRequestType</b> .
<a href="#">verifyCreateLicenseResponse</a>	A <b>verifyCreateLicenseResponse</b> message contains an element of <b>createFulfillmentResponseType</b> .

## 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	
linelItem	<a href="#">typeLinelItem</a>	1..*	Required. See <a href="#">typeLinelItem</a> .
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 <b>–new</b> 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
<a href="#">offlineFNPTtrustedStorageActivation</a>	Method

### XML Example

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

```
<activateLicensesRequest>
  <linelItem>
    <activationId>Ent_basic_1</activationId>
    <Reason>5</Reason>
    <Count>5</Count>
  </linelItem>
</activateLicensesRequest>
```

## 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.

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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
failedData	<a href="#">failedLinItem</a>	0..1	Information about an entitlement line item that failed to activate in the <b>failedData</b> element. failedLinItem 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
<a href="#">offlineFNPTtrustedStorageActivation</a>	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	<a href="#">createShortCodeDataType</a>	0..1	Required. An <b>activateShortCodeRequest</b> contains a single <b>shortCodeData</b> element. See <a href="#">createShortCodeDataType</a> .

### Referenced By

Name	Type
<a href="#">activateShortCode</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
failedData	<a href="#">failedShortCodeDataType</a>	0..1	Information about a short code response that was not generated is listed in the failedData element. See <a href="#">failedShortCodeDataType</a> .									
responseData	<a href="#">createdShortCodeDataType</a>	0..1	Information about an short code response that was generated is listed in the <b>responseData</b> element. <b>responseData</b> contains a <b>shortCode</b> short code response string. This response is delivered back to the customer to enter into an activation utility.									

### Referenced By

Name	Type
<a href="#">activateShortCode</a>	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	<a href="#">fulfillmentIdentifierListType</a>	1..1	Required. See <a href="#">fulfillmentIdentifierListType</a> .

### Referenced By

Name	Type
<a href="#">consolidateFulfillments</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">consolidatedResponseDataType</a>	0..1	Information about the licenses that were generated is listed in the responseData element. See <a href="#">consolidatedResponseDataType</a> .									

Referenced By

Name	Type
<a href="#">consolidateFulfillments</a>	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: createChildLinItemFulfillmentRequest

### Description

A **createChildLinItemFulfillmentRequest** message contains an element of createChildLinItemFulfillmentRequestType.

### Derived By

Type [createChildLinItemFulfillmentRequestType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
fulfillment	<a href="#">createChildLinItemFulfillmentDataType</a>	1..*	Required. A <b>createChildLinItemFulfillmentRequest</b> contains an array of <b>fulfillment</b> elements. See <a href="#">createChildLinItemFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">createChildLinItemFulfillment</a>	Method

### XML Example

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

```
<createChildLinItemFulfillmentRequest>
  <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>
</createChildLinItemFulfillmentRequest>
```



## Element: createChildLinItemFulfillmentResponse

### Description

A **createChildLinItemFulfillmentResponse** message contains an element of **createChildLinItemFulfillmentResponseType**.


Each fulfillment in the **createChildLinItemFulfillmentRequest** is created as an atomic unit; creating each either succeeds or fails.

### Derived By

Type [createChildLinItemFulfillmentResponseType](#)

### 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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">createdChildLIFmtResponseDataType</a>	0..1	Information about the fulfillments that were created is listed in the <b>responseData</b> element. See <a href="#">createdChildLIFmtResponseDataType</a> .									

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedChildLIFmtResponseDataType</a>	0..1	Information about the fulfillments that were not returned is listed in the <b>failedData</b> element. See <a href="#">failedChildLIFmtResponseDataType</a> .

## Referenced By

Name	Type
<a href="#">createChildLineItemFulfillment</a>	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: 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	<a href="#">createFulfillmentDataType</a>	1..*	Required. A <b>createFulfillmentRequest</b> contains an array of <b>fulfillment</b> elements to be verified. See <a href="#">createFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">createLicense</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedFulfillmentDataListType</a>	0..1	Information about the licenses that were not verified is listed in the <b>failedData</b> element. See <a href="#">failedFulfillmentDataListType</a> .									

## Content Model

Component	Type	Occurs	Description
responseData	<a href="#">createdFulfillmentDataListType</a>	0..1	Information about the licenses that were verified is listed in the <b>responseData</b> element. See <a href="#">createdFulfillmentDataListType</a> .

## Referenced By

Name	Type
<a href="#">createLicense</a>	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	<a href="#">activationIdsListType</a>	1..1	Required. See <a href="#">activationIdsListType</a> .
hostIdDataSet	<a href="#">hostIdDataSetType</a>	1..1	Required. See <a href="#">hostIdDataSetType</a> .
countDataSet	<a href="#">countDataSetType</a>	0..1	See <a href="#">countDataSetType</a> .
commonBatchDataSet	<a href="#">commonBatchDataSetType</a>	1..1	See <a href="#">commonBatchDataSetType</a> .

### Referenced By

Name	Type
<a href="#">createLicensesAsBatchAndConsolidate</a>	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>
      </countForHosts>
    </countData>
  </countDataSet>
</createLicensesAsBatchAndConsolidateRequest>
```

## 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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">consolidatedResponseDataType</a>	0..1	Information about the licenses that were generated is listed in the responseData element. See <a href="#">consolidatedResponseDataType</a> .									



## Referenced By

Name	Type
<a href="#">createLicensesAsBatchAndConsolidate</a>	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	<a href="#">activationIdsListType</a>	1..1	Required. See <a href="#">activationIdsListType</a> .
hostIdDataSet	<a href="#">hostIdDataSetType</a>	1..1	Required. See <a href="#">hostIdDataSetType</a> .
countDataSet	<a href="#">countDataSetType</a>	0..1	See <a href="#">countDataSetType</a> .
commonBatchDataSet	<a href="#">commonBatchDataSetType</a>	1..1	See <a href="#">commonBatchDataSetType</a> .

### Referenced By

Name	Type
<a href="#">createLicensesAsBatch</a>	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>1212121212</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>
</createLicensesAsBatchRequest>
```

## 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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">createLicensesAsBatchResponseDataType</a>	0..1	Information about the licenses that were generated is listed in the responseData element. See <a href="#">createLicensesAsBatchResponseDataType</a> .									

Referenced By

Name	Type
<a href="#">createLicensesAsBatch</a>	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>
  </responseData>
</createLicensesAsBatchResponse>
```

## 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	<a href="#">fulfillmentIdListType</a>	1..1	See <a href="#">fulfillmentIdListType</a> .

### Referenced By

Name	Type
<a href="#">deleteOnholdFulfillments</a>	Method

### XML Example

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

```
<deleteOnholdFulfillmentsRequest>
  <fulfillmentIdList>
    <fulfillmentIdentifier>
      <primaryKeys>
        <fulfillmentId>FID_647dcdcd_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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedOnholdFulfillmentListType</a>	0..1	See <a href="#">failedOnholdFulfillmentListType</a> .									



### Referenced By

Name	Type
<a href="#">deleteOnholdFulfillments</a>	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	<a href="#">consolidatedLicenseIdListType</a>	1..1	Required. An <b>emailConsolidatedLicenseRequest</b> contains a <b>consolidatedLicenseIdList</b> element identifying the licenses to be emailed. See <a href="#">consolidatedLicenseIdListType</a> .
validateEmailAddresses	boolean	0..1	Optional. Perform simple validation of email addresses in the request? Default is false.
emailIdList	<a href="#">emailContactListType</a>	0..1	See <a href="#">emailContactListType</a> .
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
<a href="#">emailConsolidatedLicenses</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Referenced By

Name	Type
<a href="#">emailConsolidatedLicenses</a>	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	<a href="#">fulfillmentIdentifierType</a>	1..1	Required. An <b>emailLicenseRequest</b> contains a <b>fulfillmentIdentifier</b> element identifying the license to be emailed. See <a href="#">FulfillmentIdentifierType</a> .
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	<a href="#">emailContactListType</a>	0..1	See <a href="#">emailContactListType</a> .
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
<a href="#">emailLicense</a>	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>
</emailLicenseRequest>
```

## 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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Referenced By

Name	Type
<a href="#">emailLicense</a>	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	<a href="#">emergencyFulfillmentData Type</a>	1..*	See <a href="#">failedEmergencyResponseListDataType</a> .

### Referenced By

Name	Type
<a href="#">emergencyLicense</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">emergencyResponseData Type</a>	0..1	See <a href="#">emergencyResponseData Type</a> .									
failedData	<a href="#">failedEmergencyResponseListDataType</a>	0..1	See <a href="#">failedEmergencyResponseListDataType</a> .									

## Referenced By

Name	Type
<a href="#">emergencyLicense</a>	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	<a href="#">consolidatedFulfillmentsQPTYPE</a>	0..1	Required. See <a href="#">consolidatedFulfillmentsQPTYPE</a> . Leave this element blank to return all consolidated fulfillments.

### Referenced By

Name	Type
<a href="#">getConsolidatedFulfillmentCount</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	getConsolidatedFulfillmentCountResponseType	0..1	Contains an integer <b>count</b> element.									

Referenced By

Name	Type
<a href="#">getConsolidatedFulfillmentCount</a>	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	<a href="#">consolidatedFulfillmentsQPTYPE</a>	0..1	Required. See <a href="#">consolidatedFulfillmentsQPTYPE</a> .
pageNumber	integer	1..1	Required. Starts at 1. Say the <b>getConsolidatedFulfillmentCount</b> 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 <b>pageNumber</b> 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
<a href="#">getConsolidatedFulfillmentsQuery</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	StatusInfoType	1..1	<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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Types	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Types	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getConsolidatedFulfillmentsQueryResponseDataType</a>	0..1	See <a href="#">getConsolidatedFulfillmentsQueryResponseDataType</a> .									

Referenced By

Name	Type
<a href="#">getConsolidatedFulfillmentsQuery</a>	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	<a href="#">activationIdsListType</a>	1..1	Required. A <b>getFmtAttributesForBatchActivationRequest</b> contains an <b>activationIds</b> element identifying the activation IDs whose fulfillment-time attributes to return. See <a href="#">activationIdsListType</a> .

### Referenced By

Name	Type
<a href="#">getFulfillmentAttributesForBatchActivation</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getFmtAttributesForBatchDataType</a>	0..1	A list of license model attributes that are set at fulfillment time are contained in the <b>responseData</b> element. See <a href="#">getFmtAttributesForBatchDataType</a> .									

Referenced By

Name	Type
<a href="#">getFulfillmentAttributesForBatchActivation</a>	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	<a href="#">licenseModelIdentifierType</a>	1..1	Required. A <b>getFulfillmentAttributesRequest</b> contains a <b>licenseModelIdentifier</b> element identifying the license model whose attributes to return. See <a href="#">licenseModelIdentifierType</a> .

### Referenced By

Name	Type
<a href="#">getFulfillmentAttributesFromModel</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getFulfillmentAttributesDataType</a>	0..1	A list of license model attributes that are set at fulfillment time are contained in the <b>responseData</b> element. See <a href="#">getFulfillmentAttributesDataType</a> .									

## Referenced By

Name	Type
<a href="#">getFulfillmentAttributesFromModel</a>	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	<a href="#">fulfillmentsQueryParametersType</a>	0..1	Required. See <a href="#">fulfillmentsQueryParametersType</a> . Leave this element blank to return all fulfillments.
excludeInactiveObsoleteLineItems	boolean	0..1	

### Referenced By

Name	Type
<a href="#">getFulfillmentCount</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	getFulfillmentCountResponseType	0..1	Contains an integer <b>count</b> element.									

## Referenced By

Name	Type
<a href="#">getFulfillmentCount</a>	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: <ul style="list-style-type: none"><li>• ACTIVATED</li><li>• RETURN</li><li>• REPAIR</li><li>• REHOST</li><li>• STOPGAP</li><li>• EMERGENCY</li><li>• PUBLISHER_ERROR</li><li>• UPGRADE</li><li>• UPSELL</li><li>• RENEW</li><li>• REINSTALL</li><li>• ACTIVATED_ONHOLD</li></ul>
fulfillmentSource	<a href="#">FulfillmentSourceType</a>	0..1	Optional. See <a href="#">FulfillmentSourceType</a> .
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 <b>pageNumber</b> to 2.
batchSize	integer	0..1	Required. Maximum number of records to return in the response.

## Referenced By

Name	Type
<a href="#">getFulfillmentHistory</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">fulfillmentHistoryDataType</a>	0..1	See <a href="#">fulfillmentHistoryDataType</a> .									

## Referenced By

Name	Type
<a href="#">getFulfillmentHistory</a>	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	<a href="#">fulfillmentsQueryParametersType</a>	1..1	Required. See <a href="#">fulfillmentsQueryParametersType</a> .
fulfillmentResponseConfig	<a href="#">fulfillmentResponseConfigRequestType</a>	1..1	See <a href="#">fulfillmentResponseConfigRequestType</a> .
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 <b>pageNumber</b> to 2.

### Referenced By

Name	Type
<a href="#">getFulfillmentPropertiesQuery</a>	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>
  </fulfillmentResponseConfig>
</getFulfillmentPropertiesRequest>
```

## 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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
fulfillment	<a href="#">fulfillmentPropertiesType</a>	0..*	See <a href="#">fulfillmentPropertiesType</a> .									

## Referenced By

Name	Type
<a href="#">getFulfillmentPropertiesQuery</a>	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>Entitlement_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>
  </fulfillment>
</getFulfillmentPropertiesResponse>
```

## XML Example

```
<versionDate>2008-09-25</versionDate>
<licenseFileType>TEXT</licenseFileType>
<licenseText>SERVER this_host HOSTNAME=son1334
VENDOR opsq
USE_SERVER
INCREMENT Feature-TestRF007_1 opsq 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>opsq</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	<a href="#">fulfillmentsQueryParametersType</a>	0..1	Required. See <a href="#">fulfillmentsQueryParametersType</a> .
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 <b>pageNumber</b> 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.
excludeInactiveObsoleteItems	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
<a href="#">getFulfillmentsQuery</a>	Method

### XML Example

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

```
<getFulfillmentsQueryRequest>
  <queryParams>
    <activationId>
      <value>Ent_basic_1</value>
    </activationId>
  </queryParams>
</getFulfillmentsQueryRequest>
```



## 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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getFulfillmentsQueryResponseType</a>	0..1	See <a href="#">getFulfillmentsQueryResponseType</a> .									

## Referenced By

Name	Type
<a href="#">getFulfillmentsQuery</a>	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>
      <linelItem>
        <uniqueId>HID-100288</uniqueId>
        <primaryKeys>
          <activationId>Ent_basic_1</activationId>
        </primaryKeys>
      </linelItem>
      <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	<a href="#">licenseTechnologyIdentifierType</a>	1..1	License technology of the product. See <a href="#">licenseTechnologyIdentifierType</a> .
hostType	<a href="#">hostTypePKType</a>	0..1	If a license technology has more than 1 host type, the host type must be specified. See <a href="#">hostTypePKType</a> .

### Referenced By

Name	Type
<a href="#">getHostAttributesFromLicenseTechnology</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getHostAttributesDataType</a>	0..1	See <a href="#">getHostAttributesDataType</a> .									

## Referenced By

Name	Type
<a href="#">getHostAttributesFromLicenseTechnology</a>	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: 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	<a href="#">activationDataType</a>	1..1	Required. A <b>manualActivationRequest</b> contains a single <b>inputData</b> element. See <a href="#">activationDataType</a> .

### Referenced By

Name	Type
<a href="#">manualActivation</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
responseData	<a href="#">activationDataType</a>	0..1	If the request was processed successfully, <b>responseData</b> contains an XML response string in an <b>activationData</b> element. This response is saved in a file and delivered back to the customer to enter into an activation utility.									

### Referenced By

Name	Type
<a href="#">manualActivation</a>	Method

### XML Example

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

```
<manualActivationResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <activationData>...</activationData>
  </responseData>
</manualActivationResponse>
```



## 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	<a href="#">activationDataType</a>	1..1	Required. A <b>manualActivationRequest</b> contains a single <b>inputData</b> element. See <a href="#">activationDataType</a> .

### Referenced By

Name	Type
<a href="#">manualRepair</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
responseData	<a href="#">activationDataType</a>	0..1	If the request was processed successfully, <b>responseData</b> contains an XML response string in an <b>activationData</b> element. This response is saved in a file and delivered back to the customer to enter into an activation utility.									

### Referenced By

Name	Type
<a href="#">manualRepair</a>	Method

### XML Example

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

```
<manualRepairResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <activationData>...</activationData>
  </responseData>
</manualRepairResponse>
```

## 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	<a href="#">activationDataType</a>	1..1	Required. A <b>manualActivationRequest</b> contains a single <b>inputData</b> element. See <a href="#">activationDataType</a> .

### Referenced By

Name	Type
<a href="#">manualReturn</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
responseData	<a href="#">activationDataType</a>	0..1	If the request was processed successfully, <b>responseData</b> contains an XML response string in an <b>activationData</b> element. This response is saved in a file and delivered back to the customer to enter into an activation utility.									

### Referenced By

Name	Type
<a href="#">manualReturn</a>	Method

### XML Example

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

```
<manualReturnResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <activationData>...</activationData>
  </responseData>
</manualReturnResponse>
```

## 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	<a href="#">publisherErrorFulfillmentDataType</a>	1..*	See <a href="#">publisherErrorFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">publisherErrorLicense</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">publisherErrorResponseDataType</a>	0..1	See <a href="#">publisherErrorResponseDataType</a> .									
failedData	<a href="#">failedPublisherErrorResponseListDataType</a>	0..1	See <a href="#">failedPublisherErrorResponseListDataType</a> .									

## Referenced By

Name	Type
<a href="#">publisherErrorLicense</a>	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>
        <linelItem>
          <uniqueId>HID-4</uniqueId>
          <primaryKeys>
            <activationId>pe-a1</activationId>
          </primaryKeys>
        </linelItem>
        <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	<a href="#">rehostFulfillmentDataType</a>	1..*	Required. A <b>rehostLicenseRequest</b> contains an array of <b>fulfillment</b> elements. See <a href="#">rehostFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">rehostLicense</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">rehostResponseDataType</a>	0..1	Information about the fulfillments that were rehosted is listed in the <b>responseData</b> element. See <a href="#">rehostResponseDataType</a> .									
failedData	<a href="#">failedRehostResponseListDataType</a>	0..1	Information about the fulfillments that were not rehosted is listed in the <b>failedData</b> element. See <a href="#">failedRehostResponseListDataType</a> .									

## Referenced By

Name	Type
<a href="#">rehostLicense</a>	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>
    </fulfillmentData>
  </responseData>
</rehostLicenseResponse>
```

## 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>
<lineltem>
  <uniqueId>HID-100288</uniqueId>
  <primaryKeys>
    <activationId>Ent_basic_1</activationId>
  </primaryKeys>
</lineltem>
<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	<a href="#">advancedFulfillmentLCListType</a>	1..1	Required. An <b>renewFulfillmentRequest</b> contains an array of <b>fulfillmentList</b> elements. See <a href="#">advancedFulfillmentLCListType</a> .

### Referenced By

Name	Type
<a href="#">renewFulfillment</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">advancedFmtLCResponseDataListType</a>	0..1	Information about the fulfillments that were created is listed in the <b>responseData</b> element. See <a href="#">advancedFmtLCResponseDataListType</a> .									
failedData	<a href="#">failedAdvancedFmtLCResponseDataListType</a>	0..1	Information about the fulfillments that were not created is listed in the <b>failedData</b> element. See <a href="#">failedAdvancedFmtLCResponseDataListType</a> .									

## Referenced By

Name	Type
<a href="#">renewFulfillment</a>	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	<a href="#">repairFulfillmentDataType</a>	1..*	Required. A <b>repairLicenseRequest</b> contains an array of <b>fulfillment</b> elements. See <a href="#">repairFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">repairLicense</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">repairResponseDataType</a>	0..1	Information about the fulfillments that were repaired is listed in the <b>responseData</b> element. See <a href="#">repairResponseDataType</a> .									
failedData	<a href="#">failedRepairResponseListDataType</a>	0..1	Information about the fulfillments that were not repaired is listed in the <b>failedData</b> element. See <a href="#">failedRepairResponseListDataType</a> .									

## Referenced By

Name	Type
<a href="#">repairLicense</a>	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_25a0cf21ddb</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	<a href="#">repairShortCodeDataType</a>	0..1	Required. A <b>repairShortCodeRequest</b> contains a <b>shortCodeData</b> element. See <a href="#">repairShortCodeDataType</a> .

### Referenced By

Name	Type
<a href="#">repairShortCode</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
failedData	<a href="#">failedRepairShortCodeDataType</a>	0..1	Information about a short code repair response that was not generated is listed in the failedData element. See <a href="#">failedRepairShortCodeDataType</a> .									
responseData	<a href="#">repairedShortCodeDataType</a>	0..1	Information about a short code repair response that was generated is listed in the <b>responseData</b> element. <b>responseData</b> contains a <b>shortCode</b> repair response string. This response is delivered back to the customer to enter into an activation utility.									

### Referenced By

Name	Type
<a href="#">repairShortCode</a>	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	<a href="#">returnFulfillmentDataType</a>	1..*	Required. A <b>returnLicenseRequest</b> contains an array of <b>fulfillment</b> elements. See <a href="#">returnFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">returnLicense</a>	Method

### XML Example

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

```
<returnLicenseRequest>
  <fulfillment>
    <fulfillmentIdentifier>
      <primaryKeys>
        <fulfillmentId>FID_f614ad8f_c508_4648_aeaa_29e18bab3a8</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.

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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">returnResponseDataType</a>	0..1	Information about the fulfillments that were returned is listed in the <b>responseData</b> element. For <b>returnLicense</b> , this data is only populated in the case of a partial return, not a successful one. See <a href="#">returnResponseDataType</a> .									

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedReturnResponseList DataType</a>	0..1	Information about the fulfillments that were not returned is listed in the <b>failedData</b> element. See <a href="#">failedReturnResponseListDataType</a> .

## Referenced By

Name	Type
<a href="#">returnLicense</a>	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>
      </fulfillment>
    </fulfillmentData>
  </responseData>
</returnLicenseResponse>
```

## 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_29e18bab3a8</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	<a href="#">returnShortCodeDataType</a>	0..1	Required. A <b>returnShortCodeRequest</b> contains a <b>shortCodeData</b> element. See <a href="#">returnShortCodeDataType</a> .
returnReason	ReturnedShortCodeReturnReason	0..1	Optional. The <b>returnReason</b> value can be: <ul style="list-style-type: none"><li>• UPGRADE</li><li>• UPSSELL</li><li>• RENEW</li><li>• REHOST</li></ul> The <b>returnReason</b> 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
<a href="#">returnShortCode</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason if failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>	reason	string	Gives reason if failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—The request was processed.</li><li>FAILURE—The request was not processed.</li></ul>										
reason	string	Gives reason if failure.										
failedData	<a href="#">failedReturnShortCodeDataType</a>	0..1	Information about a short code return response that was not generated is listed in the failedData element. See <a href="#">failedReturnShortCodeDataType</a> .									
responseData	<a href="#">returnedShortCodeDataType</a>	0..1	Information about a short code return response that was generated is listed in the <b>responseData</b> element. <b>responseData</b> contains a <b>shortCode</b> return response string. This response is delivered back to the customer to enter into an activation utility.									

### Referenced By

Name	Type
<a href="#">returnShortCode</a>	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	<a href="#">onholdFulfillmentListType</a>	1..1	See <a href="#">onholdFulfillmentListType</a> .

### Referenced By

Name	Type
<a href="#">setLicense</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedSetLicenseOnholdFulfillmentListType</a>	0..1	Populated if setting the license failed. See <a href="#">failedSetLicenseOnholdFulfillmentListType</a> .									

## Referenced By

Name	Type
<a href="#">setLicense</a>	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	<a href="#">stopGapFulfillmentDataType</a>	1..*	See <a href="#">stopGapFulfillmentDataType</a> .

### Referenced By

Name	Type
<a href="#">stopGapLicense</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	StatusInfoType	1..1	<table><tr><th></th><th></th><th></th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>				status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">stopGapResponseDataType</a>	0..1	See <a href="#">stopGapResponseDataType</a> .									
failedData	<a href="#">failedStopGapResponselistDataType</a>	0..1	See <a href="#">failedStopGapResponselistDataType</a> .									



## Referenced By

Name	Type
<a href="#">stopGapLicense</a>	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>
        <linelItem>
          <uniqueId>HID-3</uniqueId>
          <primaryKeys>
            <activationId>sga1</activationId>
          </primaryKeys>
        </linelItem>
        <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	<a href="#">transferHostList</a>	1..1	Required. See <a href="#">transferHostList</a> .
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
<a href="#">transferHost</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedTransferHostListDataType</a>	0..1	Information about the line items that were not added is listed in the <b>failedData</b> element. See <a href="#">failedTransferHostListDataType</a> .									

Referenced By

Name	Type
<a href="#">transferHost</a>	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	<a href="#">advancedFulfillmentLCListType</a>	1..1	Required. An <b>renewFulfillmentRequest</b> contains an array of <b>fulfillmentList</b> elements. See <a href="#">advancedFulfillmentLCListType</a> .

Referenced By

Name	Type
<a href="#">upgradeFulfillment</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">advancedFmtLCResponseDataListType</a>	0..1	Information about the fulfillments that were created is listed in the <b>responseData</b> element. See <a href="#">advancedFmtLCResponseDataListType</a> .									
failedData	<a href="#">failedAdvancedFmtLCResponseDataListType</a>	0..1	Information about the fulfillments that were not created is listed in the <b>failedData</b> element. See <a href="#">failedAdvancedFmtLCResponseDataListType</a> .									



## Referenced By

Name	Type
<a href="#">upgradeFulfillment</a>	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	<a href="#">advancedFulfillmentLCListType</a>	1..1	Required. An <b>renewFulfillmentRequest</b> contains an array of <b>fulfillmentList</b> elements. See <a href="#">advancedFulfillmentLCListType</a> .

Referenced By

Name	Type
<a href="#">upsellFulfillment</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All entitlements in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all entitlements in the request were processed.</li><li>FAILURE—None of the entitlements in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">advancedFmtLCResponseDataListType</a>	0..1	Information about the fulfillments that were created is listed in the <b>responseData</b> element. See <a href="#">advancedFmtLCResponseDataListType</a> .									
failedData	<a href="#">failedAdvancedFmtLCResponseDataType</a>	0..1	Information about the fulfillments that were not created is listed in the <b>failedData</b> element. See <a href="#">failedAdvancedFmtLCResponseDataType</a> .									

Referenced By

Name	Type
<a href="#">upsellFulfillment</a>	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	<a href="#">createFulfillmentDataType</a>	1..*	Required. A <b>createFulfillmentRequest</b> contains an array of <b>fulfillment</b> elements to be verified. See <a href="#">createFulfillmentDataType</a> .

Referenced By

Name	Type
<a href="#">verifyCreateLicense</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All items in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all items in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the items in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedFulfillmentDataListType</a>	0..1	Information about the licenses that were not verified is listed in the <b>failedData</b> element. See <a href="#">failedFulfillmentDataListType</a> .									

## Content Model

Component	Type	Occurs	Description
responseData	<a href="#">createdFulfillmentDataListType</a>	0..1	Information about the licenses that were verified is listed in the <b>responseData</b> element. See <a href="#">createdFulfillmentDataListType</a> .

## Referenced By

Name	Type
<a href="#">verifyCreateLicense</a>	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
<a href="#">getSecureToken</a>	The <b>getSecureToken</b> 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	<a href="#">IdentityType</a>	Input	

### 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
<a href="#">IdentityType</a>
<a href="#">TokenResponseType</a>


## 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	<b>userId</b> is the identity of the user for whom the token will be requested. FlexNet Operations will generate a token linked to this <b>userId</b> .
<a href="#">tokenTimeoutSeconds</a>	integer	0..1	

### Referenced By

Name	Type
<a href="#">secureTokenRequest</a>	Element
<a href="#">getSecureToken</a>	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
<a href="#">secureTokenResponse</a>	Element

## Elements: FlexnetAuthenticationService

### Elements

Name	Description
<a href="#">secureTokenRequest</a>	A <b>secureTokenRequest</b> contains an element of IdentityType.
<a href="#">secureTokenResponse</a>	A <b>secureTokenResponse</b> message contains an element of SecureTokenReturn Type.
<a href="#">tokenTimeoutSeconds [type IdentityType]</a>	

## 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	<b>userId</b> is the identity of the user for whom the token will be requested. FlexNet Operations will generate a token linked to this <b>userId</b> .
<a href="#">tokenTimeoutSeconds</a>	integer	0..1	

### Referenced By

Name	Type
<a href="#">getSecureToken</a>	Method

### XML Example

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

```
<secureTokenRequest>  
  <userId>sjoe</userId>  
</secureTokenRequest>
```

## Element: secureTokenResponse

### Description

A **secureTokenResponse** message contains an element of SecureTokenReturn type.

### 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
<a href="#">getSecureToken</a>	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
<a href="#">IdentityType</a>	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
<a href="#">addDomainUsers</a>	
<a href="#">createAccount</a>	The <b>createAccount</b> operation takes the details of one or more accounts and adds them to the system.
<a href="#">createUser</a>	The <b>createUser</b> operation is used to create one or more FlexNet domain users or contacts and link them to one or more accounts.
<a href="#">deleteAccount</a>	The <b>deleteAccount</b> operation is used to delete one or more accounts. <b>Note:</b> the following accounts cannot be deleted: <ul style="list-style-type: none"><li>• MYORG</li><li>• PORTAL_ORG_UNIT</li><li>• UNKNOWN_ORG_UNIT</li></ul>
<a href="#">deleteDomainUsers</a>	
<a href="#">deleteUser</a>	The <b>deleteUser</b> operation is used to delete users and contacts in an account, including FlexNet domain users and domain users from the FlexNet Operations database.
<a href="#">getAccountCount</a>	The <b>getAccountCount</b> operation takes one or more query parameters and returns the matching number of accounts.
<a href="#">getAccountsQuery</a>	The <b>getAccountsQuery</b> operation takes one or more query parameters and returns the matching accounts.
<a href="#">getParentAccounts</a>	The <b>getParentAccounts</b> operation takes one account and returns its first-level parents.
<a href="#">getRelatedAccounts</a>	The <b>getRelatedAccounts</b> 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 <ul style="list-style-type: none"><li>• A CHANNEL_PARTNER or CUSTOMER account without any relationships</li><li>• An account of a type other than CHANNEL_PARTNER or CUSTOMER</li></ul>
<a href="#">getSubAccounts</a>	The <b>getSubAccounts</b> operation takes one account and returns its first-level child subaccounts.
<a href="#">getUserAccountsExpiryQuery</a>	The <b>getUserAccountsExpiryQuery</b> operation lists all the expired users of the account. <b>Note 1:</b> If the <b>Enable User Expiration</b> is not selected in the FlexNet Operations system configuration, the following error message will result: User Account Expiration Configuration is Disabled. <b>Note 2:</b> This query will only fetch users that have an associated account expiration date. Permanent account users will not be listed.
<a href="#">getUserCount</a>	The <b>getUserCount</b> operation takes one or more query parameters and returns the matching number of users.

## Methods

Name	Description
<a href="#">getUserPermissions</a>	The <b>getUserPermissions</b> 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.
<a href="#">getUsersQuery</a>	The <b>getUsersQuery</b> operation takes one or more query parameters and returns the matching users.
<a href="#">linkAccounts</a>	The <b>linkAccounts</b> operation is used to build an account hierarchy from existing accounts.
<a href="#">relateAccounts</a>	The <b>relateAccounts</b> operation connects two accounts into channel partner relationships.
<a href="#">updateAccount</a>	<p>The <b>updateAccount</b> operation is used to update account details.</p> <p><b>Note:</b> Not all accounts can be updated. The following restrictions apply:</p> <ul style="list-style-type: none"> <li>• MYORG: only the account name can be updated. No other updates are permitted.</li> <li>• PORTAL_ORG_UNIT: no updates are permitted.</li> <li>• UNKNOWN_ORG_Unit: no updates are permitted.</li> </ul>
<a href="#">updateDomainUsers</a>	The <b>updateDomainUsers</b> operation updates the domain users to the system.
<a href="#">updateUser</a>	The <b>updateUser</b> operation is used to update user details.
<a href="#">updateUserRoles</a>	The <b>updateUserRoles</b> operation is used to update user roles in an account.

## Method: addDomainUsers

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">addDomainUserRequestType</a>	Input	

### Returns

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

Name	Type	Description
statusInfo	StatusInfoType	
failedData	<a href="#">failedAddDomainUserDataListType</a>	
responseData	<a href="#">addedDomainUserDataListType</a>	

## 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	<a href="#">createAcctRequestType</a>	Input	

### Returns

A [createAcctResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedCreateAcctDataListType</a>	See <a href="#">failedCreateAcctDataListType</a> .									
responseData	<a href="#">createdAccountDataListType</a>	See <a href="#">createdAccountDataListType</a> .									

## 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	<a href="#">createUserRequestType</a>	Input	

### Returns

A [createUserResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedCreateUserDataListType</a>	See <a href="#">failedCreateUserDataListType</a> .									
responseData	<a href="#">createdUserDataListType</a>	See <a href="#">createdUserDataListType</a> .									

## 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	<a href="#">deleteAccountRequestType</a>	Input	

### Returns

A [deleteAccountResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All features in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the features in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.



## Returns

Name	Type	Description
failedData	<a href="#">failedDeleteAcctDataListType</a>	See <a href="#">failedDeleteAcctDataListType</a> .

## Method: deleteDomainUsers

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">deleteDomainUserRequestType</a>	Input	

### Returns

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

Name	Type	Description
statusInfo	StatusInfoType	
failedData	<a href="#">failedDeleteDomainUserDataListType</a>	

## 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	<a href="#">deleteUserRequestType</a>	Input	

### Returns

A [deleteUserResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedDeleteUserDataListType</a>	See <a href="#">failedDeleteUserDataListType</a> .									

## 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	<a href="#">getAccountCountRequestType</a>	Input	

### Returns

A [getAccountCountResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getAccountCountResponseDataType</a>	See <a href="#">getAccountCountResponseDataType</a> .									

## Method: **getAccountsQuery**

### Description

The **getAccountsQuery** operation takes one or more query parameters and returns the matching accounts.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getAccountsQueryRequestType</a>	Input	

### Returns

A [getAccountsQueryResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getAccountsQueryResponseDataType</a>	See <a href="#">getAccountsQueryResponseDataType</a> .									

## Method: getParentAccounts

### Description

The **getParentAccounts** operation takes one account and returns its first-level parents.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getParentAccountsRequestType</a>	Input	

### Returns

A [getParentAccountsResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getAccountsQueryResponseDataType</a>	See <a href="#">getAccountsQueryResponseDataType</a> .									

## 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	<a href="#">getRelatedAccountsRequestType</a>	Input	

### Returns

A [getRelatedAccountsResponse](#) 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:<ul style="list-style-type: none"><li>• SUCCESS—All features in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All features in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All features in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getAccountsQueryResponseDataType</a>	See <a href="#">getAccountsQueryResponseDataType</a> .									

## Method: getSubAccounts

### Description

The **getSubAccounts** operation takes one account and returns its first-level child subaccounts.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getSubAccountsRequestType</a>	Input	

### Returns

A [getSubAccountsResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getAccountsQueryResponseDataType</a>	See <a href="#">getAccountsQueryResponseDataType</a> .									



## 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	<a href="#">getUserAccountsExpiryQueryRequestType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									

## Returns

Name	Type	Description
responseData	<a href="#">getUserAccountsExpiryQueryResponseType</a>	See <a href="#">getUserAccountsExpiryQueryResponseType</a> .

## 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	<a href="#">getUserCountRequestType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getUserCountResponseDataType</a>	See <a href="#">getUserCountResponseDataType</a> .									

## 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	<a href="#">getUserPermissionsRequestType</a>	Input	

### Returns

A [getUserPermissionsResponse](#) 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><b>status</b></td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td><b>reason</b></td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Status Type	Description	<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	<b>reason</b>	string	Gives reason for partial failure or failure.
Element	Status Type	Description									
<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
<b>reason</b>	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getUserPermissionsResponseDataType</a>	See <a href="#">getUserPermissionsResponseDataType</a> .									

## Method: getUsersQuery

### Description

The **getUsersQuery** operation takes one or more query parameters and returns the matching users.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getUsersQueryRequestType</a>	Input	

### Returns

A [getUsersQueryResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
responseData	<a href="#">getUsersQueryResponseType</a>	See <a href="#">getUsersQueryResponseType</a> .									

## Method: linkAccounts

### Description

The **linkAccounts** operation is used to build an account hierarchy from existing accounts.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">linkAccountsRequestType</a>	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>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedLinkAcctDataListType</a>	See <a href="#">failedLinkAcctDataListType</a> .									

## Method: relateAccounts

### Description

The **relateAccounts** operation connects two accounts into channel partner relationships.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">relateAccountsRequestType</a>	Input	

### Returns

A [relateAccountsResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedRelateAccountsDataListType</a>	See <a href="#">failedRelateAccountsDataListType</a> .									

## 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	<a href="#">updateAccountRequestType</a>	Input	

### Returns

A [updateAccountResponse](#) element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>• SUCCESS—All features in the request were processed.</li><li>• PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>• FAILURE—None of the features in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.



## Returns

Name	Type	Description
failedData	<a href="#">failedUpdateAcctDataListType</a>	See <a href="#">failedUpdateAcctDataListType</a> .

## Method: updateDomainUsers

### Description

The **updateDomainUsers** operation updates the domain users to the system.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateDomainUserRequestType</a>	Input	

### Returns

A `updateDomainUserResponse` element having the structure defined by the following table.

Name	Type	Description		
statusInfo	StatusInfoType	<b>Element</b>	<b>Data Type</b>	<b>Description</b>
		<b>status</b>	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some , but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—N one of the features in the request were processed.</li></ul>
		<b>reason</b>	string	Gives reason for partial failure or failure.
failedData	<a href="#">failedUpdateDomainUserDataListType</a>	See <a href="#">failedUpdateDomainUserDataListType</a>		
responseData	<a href="#">updatedDomainUserDataListType</a>	See <a href="#">updatedDomainUserDataListType</a>		

## Method: updateUser

### Description

The **updateUser** operation is used to update user details.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateUserRequestType</a>	Input	

### Returns

A [updateUserResponse](#) 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateUserDataListType</a>	See <a href="#">failedUpdateUserDataListType</a> .									

## Method: updateUserRoles

### Description

The **updateUserRoles** operation is used to update user roles in an account.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateUserRolesRequestType</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description									
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>									
reason	string	Gives reason for partial failure or failure.									
failedData	<a href="#">failedUpdateUserRolesDataListType</a>	See <a href="#">failedUpdateUserRolesDataListType</a> .									

# Complex Types: UserAcctHierarchyService

## Complex Types

Name
<a href="#">accountDataType</a>
<a href="#">accountDetailDataType</a>
<a href="#">accountExpiryType</a>
<a href="#">accountIdentifierTypeUser</a>
<a href="#">accountPKTypeUser</a>
<a href="#">accountQueryParametersType</a>
<a href="#">accountTypeList</a>
<a href="#">accountUserExpiryQueryParametersType</a>
<a href="#">acctCustomAttributeQueryType</a>
<a href="#">acctCustomAttributesQueryListType</a>
<a href="#">AcctTypeList</a>
<a href="#">addDomainUserDataTypes</a>
<a href="#">addDomainUserRequestType</a>
<a href="#">addDomainUserResponseType</a>
<a href="#">addedDomainUserDataListType</a>
<a href="#">addressDataType</a>
<a href="#">attributeDescriptorDataType</a>
<a href="#">attributeDescriptorType</a>
<a href="#">createAcctRequestType</a>
<a href="#">createAcctResponseType</a>
<a href="#">createdAccountDataListType</a>
<a href="#">createdUserDataListType</a>
<a href="#">createUserAccountRolesListType</a>
<a href="#">createUserAccountsListType</a>
<a href="#">createUserAccountType</a>
<a href="#">createUserDataTypes</a>
<a href="#">createUserRequestType</a>
<a href="#">createUserResponseType</a>
<a href="#">customAttributeQueryType</a>
<a href="#">customAttributesQueryListType</a>
<a href="#">DateQueryType</a>
<a href="#">DateTimeQueryType</a>
<a href="#">deleteAccountRequestType</a>
<a href="#">deleteAccountResponseType</a>

## Complex Types

Name
<a href="#">deleteAcctDataType</a>
<a href="#">deleteDomainUserRequestType</a>
<a href="#">deleteDomainUserResponseType</a>
<a href="#">deleteUserRequestType</a>
<a href="#">deleteUserResponseType</a>
<a href="#">domainUserIdentifierType</a>
<a href="#">domainUserPKType</a>
<a href="#">DurationType</a>
<a href="#">emailContactListType</a>
<a href="#">entitledProductDataListType</a>
<a href="#">entitledProductDataType</a>
<a href="#">entitlementIdentifierType</a>
<a href="#">entitlementLineItemIdentifierType</a>
<a href="#">entitlementLineItemPKType</a>
<a href="#">entitlementPKType</a>
<a href="#">failedAddDomainUserDataListType</a>
<a href="#">failedAddDomainUserDataTypes</a>
<a href="#">failedCreateAcctDataListType</a>
<a href="#">failedCreateAcctDataType</a>
<a href="#">failedCreateUserDataListType</a>
<a href="#">failedCreateUserDataTypes</a>
<a href="#">failedDeleteAcctDataListType</a>
<a href="#">failedDeleteAcctDataTypes</a>
<a href="#">failedDeleteDomainUserDataListType</a>
<a href="#">failedDeleteDomainUserDataTypes</a>
<a href="#">failedDeleteUserDataListType</a>
<a href="#">failedDeleteUserDataTypes</a>
<a href="#">failedLinkAcctDataListType</a>
<a href="#">failedLinkAcctDataTypes</a>
<a href="#">failedRelateAccountsDataListType</a>
<a href="#">failedRelateAccountsDataTypes</a>
<a href="#">failedUpdateAcctDataListType</a>
<a href="#">failedUpdateAcctDataTypes</a>
<a href="#">failedUpdateDomainUserDataListType</a>
<a href="#">failedUpdateDomainUserDataTypes</a>

## Complex Types

Name
<a href="#">failedUpdateUserDataListType</a>
<a href="#">failedUpdateUserDataType</a>
<a href="#">failedUpdateUserRolesDataListType</a>
<a href="#">failedUpdateUserRolesDataType</a>
<a href="#">featureBundleIdentifierType</a>
<a href="#">featureBundlePKType</a>
<a href="#">featureIdentifierType</a>
<a href="#">featurePKType</a>
<a href="#">forceDeleteUserIdentifierType</a>
<a href="#">fulfillmentIdentifierType</a>
<a href="#">fulfillmentPKType</a>
<a href="#">getAccountCountRequestType</a>
<a href="#">getAccountCountResponseDataType</a>
<a href="#">getAccountCountResponseType</a>
<a href="#">getAccountsQueryRequestType</a>
<a href="#">getAccountsQueryResponseDataType</a>
<a href="#">getAccountsQueryResponseType</a>
<a href="#">getCountResponseDataType</a>
<a href="#">getParentAccountsRequestType</a>
<a href="#">getParentAccountsResponseType</a>
<a href="#">getRelatedAccountsRequestType</a>
<a href="#">getRelatedAccountsResponseType</a>
<a href="#">getSubAccountsRequestType</a>
<a href="#">getSubAccountsResponseType</a>
<a href="#">getUserAccountsExpiryQueryRequestType</a>
<a href="#">getUserAccountsExpiryQueryResponseDataType</a>
<a href="#">getUserAccountsExpiryQueryResponseType</a>
<a href="#">getUserCountRequestType</a>
<a href="#">getUserCountResponseDataType</a>
<a href="#">getUserCountResponseType</a>
<a href="#">getUserPermissionsRequestType</a>
<a href="#">getUserPermissionsResponseDataType</a>
<a href="#">getUserPermissionsResponseType</a>
<a href="#">getUsersQueryRequestType</a>
<a href="#">getUsersQueryResponseDataType</a>

## Complex Types

Name
<a href="#">getUsersQueryResponseType</a>
<a href="#">hostTypePKType</a>
<a href="#">licenseGeneratorIdentifierType</a>
<a href="#">licenseGeneratorPKType</a>
<a href="#">licenseModelIdentifierType</a>
<a href="#">licenseModelPKType</a>
<a href="#">licenseTechnologyIdentifierType</a>
<a href="#">licenseTechnologyPKType</a>
<a href="#">linkAccountsDataType</a>
<a href="#">linkAccountsRequestType</a>
<a href="#">linkAccountsResponseType</a>
<a href="#">maintenancIdentifierType</a>
<a href="#">maintenancePKType</a>
<a href="#">NumberQueryType</a>
<a href="#">partNumberIdentifierType</a>
<a href="#">partNumberIdentifierWithModelType</a>
<a href="#">partNumberPKType</a>
<a href="#">permissionListType</a>
<a href="#">productIdentifierType</a>
<a href="#">productIdentifierWithCountDataType</a>
<a href="#">productPKType</a>
<a href="#">relateAccountsDataType</a>
<a href="#">relateAccountsRequestType</a>
<a href="#">relateAccountsResponseType</a>
<a href="#">roleIdentifierType</a>
<a href="#">rolePKType</a>
<a href="#">StateQueryType</a>
<a href="#">suiteIdentifierType</a>
<a href="#">suitePKType</a>
<a href="#">trustedKeyIdentifierType</a>
<a href="#">trustedKeyPKType</a>
<a href="#">updateAccountRequestType</a>
<a href="#">updateAccountResponseType</a>
<a href="#">updateAcctDataType</a>
<a href="#">updatedDomainUserDataListType</a>



## Complex Types

Name
<a href="#">updateDomainUserData Type</a>
<a href="#">updateDomainUserRequest Type</a>
<a href="#">updateDomainUserResponse Type</a>
<a href="#">updateEntitledProductDataList Type</a>
<a href="#">updateRelatedAccountsList Type</a>
<a href="#">updateSubAccountsList Type</a>
<a href="#">updateUserAccountRolesData Type</a>
<a href="#">updateUserAccountsList Type</a>
<a href="#">updateUserAccount Type</a>
<a href="#">updateUserData Type</a>
<a href="#">updateUserRequest Type</a>
<a href="#">updateUserResponse Type</a>
<a href="#">updateUserRolesAccountList Type</a>
<a href="#">updateUserRolesData Type</a>
<a href="#">updateUserRolesList Type</a>
<a href="#">updateUserRolesRequest Type</a>
<a href="#">updateUserRolesResponse Type</a>
<a href="#">userAccountExpiry Type</a>
<a href="#">userAccountRolesList Type</a>
<a href="#">userAccountsList Type</a>
<a href="#">userAccount Type</a>
<a href="#">userCustomAttributeQuery Type</a>
<a href="#">userCustomAttributesQueryList Type</a>
<a href="#">userDetailData Type</a>
<a href="#">userIdentifier Type</a>
<a href="#">userPK Type</a>
<a href="#">userQueryParameters Type</a>
<a href="#">userSortBy</a>
<a href="#">userSortBys</a>
<a href="#">value Type</a>
<a href="#">versionDateAttributes Type</a>
<a href="#">VersionFormatQuery Type</a>

## 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 <b>Account Identifier</b> (short account name) in the web interface.
name	string	1..1	Required. Displayed as <b>Account Name</b> (full account name) in the web interface.
description	string	0..1	Optional. Description of the account.
address	<a href="#">addressDataType</a>	0..1	Optional. Account physical address. See <a href="#">addressDataType</a> .
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 <b>Name Withheld</b> to unrelated accounts. Default: true.
accountType	AcctType	0..1	Optional. Defines the account type. Valid values: <ul style="list-style-type: none"><li>CUSTOMER</li><li>PUBLISHER</li><li>CHANNEL_PARTNER</li></ul> Default: CUSTOMER. (You cannot use web services to create a new account with an <b>accountType</b> of SELF_REGISTERED.)
customAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	Custom attributes attached to this account. See <a href="#">attributeDescriptorDataType</a> .

## 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	<a href="#">accountIdentifierTypeUse</a>	1..1	See accountIdentifierType.
name	string	1..1	The account name.
description	string	0..1	Account description.
address	<a href="#">addressDataType</a>	0..1	Account physical address. See <a href="#">addressDataType</a> .
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 <b>Name Withheld</b> to unrelated accounts. Default: true.
accountType	AcctType	0..1	Optional. Defines the account type. <b>accountType</b> can be: <ul style="list-style-type: none"><li>CUSTOMER</li><li>PUBLISHER</li><li>CHANNEL_PARTNER.</li></ul> Default: CUSTOMER. (You cannot use web services to create a new account with an <b>accountType</b> of SELF_REGISTERED.)
customAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .
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.

## 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.


## 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	<a href="#">accountPKTypeUser</a>	0..1	

## 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	


## 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. <b>accountType</b> can be: <ul style="list-style-type: none"><li>CUSTOMER</li><li>PUBLISHER</li><li>CHANNEL_PARTNER</li></ul> Default: CUSTOMER. (You cannot use web services to create a new account with an <b>accountType</b> of SELF_REGISTERED.)
accountTypeList	<a href="#">AcctTypeList</a>	0..1	See <a href="#">accountTypeList</a> .
customAttributes	<a href="#">acctCustomAttributesQueryListType</a>	0..1	See <a href="#">acctCustomAttributesQueryListType</a> .
lastModifiedDateTime	<a href="#">DateTimeQueryType</a>	0..1	See <a href="#">DateTimeQueryType</a> .

## 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. <b>accountType</b> can be: <ul style="list-style-type: none"> <li>CUSTOMER</li> <li>PUBLISHER</li> <li>CHANNEL_PARTNER</li> <li>SELF_REGISTERED</li> </ul> Default: CUSTOMER.
expiryDate	<a href="#">DateQueryType</a>	0..1	See <a href="#">DateQueryType</a> .


## 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.

## 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	<a href="#">acctCustomAttributeQueryType</a>	0..*	See <a href="#">acctCustomAttributeQueryType</a> .

## 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. <b>acctType</b> can be: <ul style="list-style-type: none"><li>CUSTOMER</li><li>PUBLISHER</li><li>CHANNEL_PARTNER</li><li>SELF_REGISTERED</li></ul> Default: CUSTOMER.


## Complex Type: addDomainUserDataTypes

### 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	<a href="#">attributeDescriptorDataType</a>	0..1	

## 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	<a href="#">addDomainUserDataTyp e</a>	1..*	

### Referenced By

Name	Type
<a href="#">addDomainUsers</a>	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	<a href="#">failedAddDomainUserDataListType</a>	0..1	
responseData	<a href="#">addedDomainUserDataListType</a>	0..1	

## 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	<a href="#">domainUserIdentifierType</a> <u>e</u>	0..*	



## 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.

## 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	<a href="#">attributeDescriptorType</a>	0..*	<b>attribute</b> contains a required string <b>attributeName</b> and one <a href="#">attributeDescriptorType</a> .

## 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: createAcctRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
account	<a href="#">accountDataType</a>	1..*	See <a href="#">accountDataType</a> .
opType	<a href="#">CreateOrUpdateOperationType</a>	0..1	Specifies how FlexNet Operations behaves when creating accounts. For details, see <a href="#">CreateOrUpdateOperationType</a> . If no <b>opType</b> 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
<a href="#">createAcctRequest</a>	Element
<a href="#">createAccount</a>	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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedCreateAcctDataListType</a>	0..1	See <a href="#">failedCreateAcctDataListType</a> .									
responseData	<a href="#">createdAccountDataListType</a>	0..1	See <a href="#">createdAccountDataListType</a> .									

Referenced By

Name	Type
<a href="#">createAcctResponse</a>	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	<a href="#">accountIdentifierTypeUse</a> <a href="#">r</a>	0..*	See accountIdentifierType.

## 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	<a href="#">userIdentifierType</a>	0..*	See <a href="#">userIdentifierType</a> .




## 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	<a href="#">roleIdentifierType</a>	1..*	See <a href="#">roleIdentifierType</a> .

## 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	<a href="#">createUserAccountType</a>	1..*	See <a href="#">createUserAccountType</a> .

## 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	<a href="#">accountIdentifierTypeUse</a>	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. <b>Note:</b> If the <b>Enable User Expiration</b> is not selected in the FlexNet Operations system configuration, the following error message will result: User Account Expiration Configuration is Disabled.
roles	<a href="#">createUserAccountRolesListType</a>	0..1	See <a href="#">createUserAccountRolesListType</a> .

## 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. <ul style="list-style-type: none"><li>If <b>canLogin</b> is set to false, this field is ignored.</li><li>if <b>canLogin</b> is set to true, this field is required.</li></ul> <b>Important:</b> 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: <ul style="list-style-type: none"><li>Active</li><li>Inactive</li></ul>

## Content Model

Component	Type	Occurs	Description
timezone	UserTimeZoneType	0..1	<p>Optional. Provide time zone setting in one of the following formats:</p> <ul style="list-style-type: none"> <li>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.</li> <li>GMT#.#DST#</li> </ul> <p>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.</p>
shared	boolean	0..1	Is this a shared login among several users?
acctRolesList	<a href="#">createUserAccountsListType</a>	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 <a href="#">createUserAccountsListType</a> .
customAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	Custom attributes attached to this user. See <a href="#">attributeDescriptorDataType</a> .

## 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	<a href="#">createUserDataTypes</a>	1..*	Required. See <a href="#">createUserDataTypes</a> .
opType	<a href="#">CreateOrUpdateOperationType</a>	0..1	<p>Specifies how FlexNet Operations behaves when creating users. For details, see <a href="#">CreateOrUpdateOperationType</a>.</p> <ul style="list-style-type: none"><li>If no <b>opType</b> 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.</li><li>If the user does not exist and the <b>opType</b> is set to either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b>, 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.</li><li>If both the user and contact exist and the <b>opType</b> is set to <b>CREATE_OR_UPDATE</b>, the request will update the contact.</li><li>If both the user and contact exist and the <b>opType</b> is set to <b>CREATE_OR_IGNORE</b>, the request will not update the contact.</li></ul>

### Referenced By

Name	Type
<a href="#">createUserRequest</a>	Element
<a href="#">createUser</a>	Method


## Complex Type: createUserResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedCreateUserDataListType</a>	0..1	See <a href="#">failedCreateUserDataListType</a> .									
responseData	<a href="#">createdUserDataListType</a>	0..1	See <a href="#">createdUserDataListType</a> .									

Referenced By

Name	Type
<a href="#">createUserResponse</a>	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 <b>stringValue</b> or <b>numberValue</b> or <b>booleanValue</b> . Set to true or false if the custom attribute is of type boolean.
dateValue	<a href="#">DateQueryType</a>	0..1	Optional. A <b>dateValue</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the version date value.</li><li>• <b>searchType</b>—one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul></li></ul>

## Content Model

Component	Type	Occurs	Description
numberValue	<a href="#">NumberQueryType</a>	0..1	<p>Optional. Depending on the attribute type, set either <b>stringValue</b> or <b>numberValue</b> or <b>booleanValue</b>. A <b>numberValue</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—an integer number to match part or all of the custom attribute value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• GREATER_THAN</li> <li>• GREATER_THAN_EQUALS</li> <li>• LESS_THAN</li> <li>• LESS_THAN_EQUALS</li> <li>• EQUALS</li> <li>• NOT_EQUALS</li> </ul> </li> </ul>
stringValue	SimpleQueryType	0..1	<p>Optional. Depending on the attribute type, set either <b>stringValue</b> or <b>numberValue</b> or <b>booleanValue</b>. A <b>stringValue</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the custom attribute value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## 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	<a href="#">customAttributeQueryType</a>	0..*	See <a href="#">customAttributeQueryType</a> .

## 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: <ul style="list-style-type: none"><li>BEFORE</li><li>AFTER</li><li>ON</li></ul>

## 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: <ul style="list-style-type: none"><li>BEFORE</li><li>AFTER</li><li>ON</li></ul>

## 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	<a href="#">deleteAcctDataType</a>	1..*	Account to be deleted. See <a href="#">deleteAcctDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteAccountRequest</a>	Element
<a href="#">deleteAccount</a>	Method


## Complex Type: deleteAccountResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteAcctDataListType</a>	0..1	See <a href="#">failedDeleteAcctDataListType</a> .									

### Referenced By

Name	Type
<a href="#">deleteAccountResponse</a>	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	<a href="#">accountIdentifierTypeUse</a>	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.)



## 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	<a href="#">domainUserIdentifierType</a>	1..*	

### Referenced By

Name	Type
<a href="#">deleteDomainUsers</a>	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	<a href="#">failedDeleteDomainUser DataListType</a>	0..1	

## 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	<a href="#">forceDeleteUserIdentifierType</a>	1..*	User to be deleted. See <a href="#">userIdentifierType</a> .

### Referenced By

Name	Type
<a href="#">deleteUserRequest</a>	Element
<a href="#">deleteUser</a>	Method


## Complex Type: deleteUserResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteUserDataListType</a>	0..1	See <a href="#">failedDeleteUserDataListType</a> .									

### Referenced By

Name	Type
<a href="#">deleteUserResponse</a>	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	<a href="#">domainUserPKType</a>	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: 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 <b>durationUnit</b> .
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: <ul style="list-style-type: none"><li>• DAYS</li><li>• WEEKS</li><li>• MONTHS</li><li>• YEARS</li></ul>


## 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	<a href="#">entitledProductDataType</a>	0..*	See <a href="#">entitledProductDataType</a> .

## 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	<a href="#">productIdentifierType</a>	0..1	See <a href="#">productIdentifierType</a> .
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

### 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	<a href="#">entitlementPKType</a>	0..1	Database primary key of the entitlement—string containing the <b>entitlementId</b> of the entitlement. See <a href="#">entitlementPKType</a> .

## 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	<a href="#">entitlementLineItemPKType</a>	0..1	Database primary key of the entitlement line item—string containing the <b>activationId</b> of the entitlement line item. See <a href="#">entitlementLineItemPKType</a> .

## 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 entitlement ID of the entitlement.

## 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	<a href="#">failedAddDomainUserDat aType</a>	0..*	

## Complex Type: failedAddDomainUserDataTypes

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	<a href="#">addDomainUserDataTypes</a>	0..1	
reason	string	0..1	



## 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	<a href="#">failedCreateAcctDataTy e</a>	0..*	See <a href="#">failedCreateAcctData Type</a> .


## 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	<a href="#">accountDataType</a>	0..1	See <a href="#">accountDataType</a> .
reason	string	0..1	Reason for failure.

## 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	<a href="#">failedCreateUserDataTy e</a>	0..*	See <a href="#">failedCreateUserDataType</a> .

## Complex Type: failedCreateUserDataTypes

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	<a href="#">createUserDataTypes</a>	0..1	See <a href="#">createUserDataTypes</a> .
reason	string	0..1	Reason for failure.

## 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	<a href="#">failedDeleteAcctDataTy e</a>	0..*	See <a href="#">failedDeleteAcctDataType</a> .


## 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	<a href="#">deleteAcctDataType</a>	0..1	See <a href="#">deleteAcctDataType</a> .
reason	string	0..1	Reason for failure.

## 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	<a href="#">failedDeleteDomainUserData Type</a>	0..*	

## Complex Type: failedDeleteDomainUserDataTypes

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	<a href="#">domainUserIdentifierType</a>	0..1	
reason	string	0..1	



## 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	<a href="#">failedDeleteUserDataTy e</a>	0..*	See <a href="#">failedDeleteUserDataTy</a> .

## Complex Type: failedDeleteUserData

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
user	<a href="#">forceDeleteUserIdentifierType</a>	0..1	See <a href="#">userIdentifierType</a> .
reason	string	0..1	Reason for failure.

## 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	<a href="#">failedLinkAcctDataType</a>	0..*	See <a href="#">failedLinkAcctDataType</a> ,


## 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	<a href="#">linkAccountsDataType</a>	0..1	See <a href="#">linkAccountsDataType</a> .
reason	string	0..1	Reason for failure.

## 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	<a href="#">failedRelateAccountsData Type</a>	0..*	See <a href="#">failedRelateAccountsDataType</a> .


## 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	<a href="#">relateAccountsDataType</a>	0..1	See <a href="#">relateAccountsDataType</a> .
reason	string	0..1	Reason for failure.

## 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	<a href="#">failedUpdateAcctDataTy e</a>	0..*	See <a href="#">failedUpdateAcctDataTy</a> .

## 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	<a href="#">updateAcctDataType</a>	0..1	See updateAcctDataType.
reason	string	0..1	Reason for failure.



## 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	<a href="#">failedUpdateDomainUserDataListType</a>	0..*	

## 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	<a href="#">updateDomainUserDataT ype</a>	0..1	
reason	string	0..1	

## 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	<a href="#">failedUpdateUserDataTy pe</a>	0..*	See <a href="#">failedUpdateUserDataType</a> .

## Complex Type: failedUpdateUserDataTypes

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userData	<a href="#">updateUserDataTypes</a>	0..1	See <a href="#">updateUserDataTypes</a> .
reason	string	0..1	Reason for failure.

## 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	<a href="#">failedUpdateUserRolesData Type</a>	0..*	See <a href="#">failedUpdateUserRolesData Type</a> .

## 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	<a href="#">updateUserRolesDataTy pe</a>	0..1	See <a href="#">updateUserRolesDataType</a> .
reason	string	0..1	Reason for failure.

## 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	<a href="#">featureBundlePKType</a>	0..1	Database primary key of the feature bundle—a string containing the name of the feature bundle. See <a href="#">featureBundlePKType</a> .

## 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: 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	<a href="#">featurePKType</a>	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 <a href="#">featurePKType</a> .


## 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 <b>name</b> of the feature.
version	string	0..1	The <b>version</b> of the feature.


## 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	<a href="#">userPKType</a>	0..1	See <a href="#">userPKType</a> .
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	<a href="#">fulfillmentPKType</a>	0..1	Database primary key of the fulfillment—a string containing the <b>fulfillmentID</b> . See <a href="#">fulfillmentPKType</a> .

## 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: getAccountCountRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	<a href="#">accountQueryParametersType</a>	0..1	Required. See <a href="#">accountQueryParametersType</a> . Leave this element blank to return all CUSTOMER accounts.

### Referenced By

Name	Type
<a href="#">getAccountCountRequest</a>	Element
<a href="#">getAccountCount</a>	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.


## Complex Type: `getAccountCountResponseType`

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getAccountCountResponseTypeData Type</a>	0..1	See <a href="#">getAccountCountResponseType</a> .									

### Referenced By

Name	Type
<a href="#">getAccountCountResponse</a>	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	<a href="#">accountQueryParametersType</a>	0..1	Required. See <a href="#">accountQueryParametersType</a> . 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 <b>pageNumber</b> to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getAccountsQueryRequest</a>	Element
<a href="#">getAccountsQuery</a>	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	<a href="#">accountDetailDataType</a>	0..*	See <a href="#">accountDetailDataType</a> .


## Complex Type: getAccountsQueryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getAccountsQueryResponseDataType</a>	0..1	See <a href="#">getAccountsQueryResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getAccountsQueryResponse</a>	Element

## Complex Type: getCountResponseType

### 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	<a href="#">accountIdentifierTypeUse</a>	1..1	See accountIdentifierType.

### Referenced By

Name	Type
<a href="#">getParentAccountsRequest</a>	Element
<a href="#">getParentAccounts</a>	Method


## Complex Type: getParentAccountsResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getAccountsQueryResponseType</a>	0..1	See <a href="#">getAccountsQueryResponseType</a> .									

### Referenced By

Name	Type
<a href="#">getParentAccountsResponse</a>	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	<a href="#">accountIdentifierTypeUse</a>	1..1	See accountIdentifierType.

### Referenced By

Name	Type
<a href="#">getRelatedAccountsRequest</a>	Element
<a href="#">getRelatedAccounts</a>	Method


## Complex Type: getRelatedAccountsResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getAccountsQueryResponseDataType</a>	0..1	See <a href="#">getAccountsQueryResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getRelatedAccountsResponse</a>	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	<a href="#">accountIdentifierTypeUse</a>	1..1	See accountIdentifierType.

### Referenced By

Name	Type
<a href="#">getSubAccountsRequest</a>	Element
<a href="#">getSubAccounts</a>	Method


## Complex Type: `getSubAccountsResponseType`

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getAccountsQueryResponseDataType</a>	0..1	See <a href="#">getAccountsQueryResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getSubAccountsResponse</a>	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	<a href="#">accountUserExpiryQueryParametersType</a>	1..1	See <a href="#">accountUserExpiryQueryParametersType</a> .
pageNumber	integer	1..1	Required. Starts at 1. Say the <b>getUserAccountsExpiryQuery</b> 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
<a href="#">getUserAccountsExpiryQueryRequest</a>	Element
<a href="#">getUserAccountsExpiryQuery</a>	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	<a href="#">userAccountExpiryType</a>	0..*	See <a href="#">userAccountExpiryType</a> .


## Complex Type: getUserAccountsExpiryQueryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getUserAccountsExpiryQueryResponseDataType</a>	0..1	See <a href="#">getUserAccountsExpiryQueryResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getUserAccountsExpiryQueryResponse</a>	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	<a href="#">userQueryParametersType</a>	0..1	Required. See <a href="#">userQueryParametersType</a> . Leave this element blank to return all users.

### Referenced By

Name	Type
<a href="#">getUserCountRequest</a>	Element
<a href="#">getUserCount</a>	Method

## Complex Type: getUserCountResponseType

### 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.


## Complex Type: getUserCountResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getUserCountResponseDataType</a>	0..1	See <a href="#">getUserCountResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getUserCountResponse</a>	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
<a href="#">getUserPermissionsRequest</a>	Element
<a href="#">getUserPermissions</a>	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	<a href="#">permissionListType</a>	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 <a href="#">permissionListType</a> .


## Complex Type: getUserPermissionsResponseType

### 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>Status Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Status Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Status Type	Description										
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reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getUserPermissionsResponseDataType</a>	0..1	See <a href="#">getUserPermissionsResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getUserPermissionsResponse</a>	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	<a href="#">userQueryParametersType</a>	0..1	Required. See <a href="#">userQueryParametersType</a> . 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 <b>pageNumber</b> to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getUsersQueryRequest</a>	Element
<a href="#">getUsersQuery</a>	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	<a href="#">userDetailDataType</a>	0..*	See <a href="#">userDetailDataType</a> .


## Complex Type: getUsersQueryResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getUsersQueryResponseDataType</a>	0..1	See <a href="#">getUsersQueryResponseDataType</a> .									

### Referenced By

Name	Type
<a href="#">getUsersQueryResponse</a>	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 <b>name</b> 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	<a href="#">licenseGeneratorPKType</a>	0..1	Database primary key of the license generator configuration—string containing the <b>name</b> of the license generator configuration. See <a href="#">licenseGeneratorPKType</a> .



## 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 <b>name</b> of the license generator configuration.

## 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	<a href="#">licenseModelPKType</a>	0..1	Database primary key of the license model—a string containing the <b>name</b> of the license model. See <a href="#">licenseModelPKType</a> .

## 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 <b>name</b> 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	<a href="#">licenseTechnologyPKType</a>	0..1	Database primary key of the license technology—string containing the <b>name</b> of the license technology. See <a href="#">licenseTechnologyPKType</a> .

## 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 <b>name</b> of the license technology.

## 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	<a href="#">accountIdentifierTypeUse</a> <a href="#">r</a>	1..1	Identifier of the parent account. See accountIdentifierType.
subAcct	<a href="#">accountIdentifierTypeUse</a> <a href="#">r</a>	1..1	Identifiery of the subaccount. See accountIdentifierType.

## 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	<a href="#">linkAccountsDataType</a>	1..*	Required. A link between exactly one root account and exactly one subaccount is expressed as an <b>acctData</b> element. A hierarchy with multiple root accounts or multiple sub accounts is constructed link by link with multiple <b>acctData</b> elements in a request. See <a href="#">linkAccountsDataType</a> .

### Referenced By

Name	Type
<a href="#">linkAccountsRequest</a>	Element
<a href="#">linkAccounts</a>	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>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedLinkAcctDataListType</a>	0..1	See <a href="#">failedLinkAcctDataListType</a> .									

### Referenced By

Name	Type
<a href="#">linkAccountsResponse</a>	Element



## Complex Type: maintenancelIdentifierType

### 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	<a href="#">maintenancePKType</a>	0..1	Database primary key of the maintenance product—strings containing the <b>name</b> and <b>version</b> of the maintenance product. See <a href="#">maintenancePKType</a> .


## 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 <b>name</b> of the maintenance product.
version	string	1..1	The <b>version</b> of the maintenance product.

## 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: <ul style="list-style-type: none"><li>GREATER_THAN</li><li>GREATER_THAN_EQUALS</li><li>LESS_THAN</li><li>LESS_THAN_EQUALS</li><li>EQUALS</li><li>NOT_EQUALS</li></ul>

## 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	<a href="#">partNumberPKType</a>	0..1	Database primary key of the part number—string containing the <b>partId</b> of the part number. See <a href="#">partNumberPKType</a> .


## 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	<a href="#">partNumberPKType</a>	0..1	Database primary key of the part number—a string containing the <b>partId</b> of the part number. See <a href="#">partNumberPKType</a> .
licenseModel	<a href="#">licenseModelIdentifierType</a>	0..1	Optional, if you want to map a part number for a product to one specific license model linked to the product. See <a href="#">licenseModelIdentifierType</a> .


## 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 <b>partId</b> of the part number.

## 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".

## 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	<a href="#">productPKType</a>	0..1	Database primary key of the product—strings containing the <b>name</b> and <b>version</b> of the product. See <a href="#">productPKType</a> .



## 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	<a href="#">productIdentifierType</a>	1..1	Required. See <a href="#">productIdentifierType</a> .
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 <b>name</b> of the product.
version	string	1..1	The <b>version</b> of the product.

## 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	<a href="#">accountIdentifierTypeUse</a> <a href="#">r</a>	1..1	Identifier of the account for which you want to define a channel partner relationship. See accountIdentifierType.
relatedAccount	<a href="#">accountIdentifierTypeUse</a> <a href="#">r</a>	1..1	Identifier of the account to relate to account defined in <b>accountToRelate</b> . See accountIdentifierType.

## 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	<a href="#">relateAccountsDataType</a>	1..*	Required. A relationship between two accounts is expressed as an <b>acctData</b> element. The accounts can be two CHANNEL_PARTNER accounts or a CHANNEL_PARTNER account and a CUSTOMER account. See <a href="#">relateAccountsDataType</a> .

### Referenced By

Name	Type
<a href="#">relateAccountsRequest</a>	Element
<a href="#">relateAccounts</a>	Method


## Complex Type: relateAccountsResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedRelateAccountsDataListType</a>	0..1	See <a href="#">failedRelateAccountsDataListType</a> .									

### Referenced By

Name	Type
<a href="#">relateAccountsResponse</a>	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	<a href="#">rolePKType</a>	0..1	Name of the role. See <a href="#">rolePKType</a> .


## 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: 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: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>



## 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	<a href="#">suitePKType</a>	0..1	Database primary key of the suite—strings containing the <b>name</b> and <b>version</b> of the suite. See <a href="#">suitePKType</a> .


## 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 <b>name</b> of the suite.
version	string	1..1	The <b>version</b> of the suite.


## 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	<a href="#">trustedKeyPKType</a>	0..1	Database primary key of the transaction key—a string containing the <b>keyName</b> of the transaction key. See <a href="#">trustedKeyPKType</a> .


## 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 <b>keyName</b> of the transaction key.

## 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	<a href="#">updateAcctDataType</a>	1..*	Account to be updated. See <a href="#">updateAcctDataType</a> .

### Referenced By

Name	Type
<a href="#">updateAccountRequest</a>	Element
<a href="#">updateAccount</a>	Method


## Complex Type: updateAccountResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateAcctDataListType</a>	0..1	See <a href="#">failedUpdateAcctDataListType</a> .									

### Referenced By

Name	Type
<a href="#">updateAccountResponse</a>	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	<a href="#">accountIdentifierTypeUse</a>	1..1	See <a href="#">accountIdentifierType</a> .
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	<a href="#">addressDataType</a>	0..1	Account physical address. See <a href="#">addressDataType</a> .
subAccounts	<a href="#">updateSubAccountsListType</a>	0..1	See <a href="#">updateSubAccountsListType</a> .
relatedAccounts	<a href="#">updateRelatedAccountsListType</a>	0..1	See <a href="#">updateRelatedAccountsListType</a> .
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 <b>Name Withheld</b> to unrelated accounts. Default: true.
customAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .

## 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	<a href="#">domainUserIdentifierType</a> <u>e</u>	0..*	



## Complex Type: updateDomainUserDataTypes

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
domainUser	<a href="#">domainUserIdentifierType</a>	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	<a href="#">attributeDescriptorDataType</a>	0..1	

## 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	<a href="#">updateDomainUserDataT ype</a>	1..*	

### Referenced By

Name	Type
<a href="#">updateDomainUsers</a>	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	<table><tr><th>Element</th><th>Data Type</th><th>Description</th></tr><tr><td>status</td><td>StatusType</td><td>Returns one of the following:<ul style="list-style-type: none"><li>SUCCESS —All features in the request were processed.</li><li>PARTIAL_FAILURE —Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE —None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS —All features in the request were processed.</li><li>PARTIAL_FAILURE —Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE —None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS —All features in the request were processed.</li><li>PARTIAL_FAILURE —Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE —None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										

## Content Model

Component	Type	Occurs	Description
failedData	<a href="#">failedUpdateDomainUserDataListType</a>	0..1	See <a href="#">failedUpdateDomainUserDataListType</a>
responseData	<a href="#">updatedDomainUserDataListType</a>	0..1	See <a href="#">updatedDomainUserDataListType</a>

## 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	<a href="#">entitledProductDataType</a>	0..*	See <a href="#">entitledProductDataType</a> .
opType	CollectionOperationType	1..1	Required. Specify one of the following for each entitlement to be modified: <ul style="list-style-type: none"><li>REPLACE</li><li>ADD</li><li>DELETE</li></ul>

## 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	<a href="#">accountIdentifierTypeUse</a>	1..*	Array of account identifiers of related accounts. See accountIdentifierType.
opType	CollectionOperationType	1..1	Type of operation performed on the account. <ul style="list-style-type: none"><li>• <b>ADD</b>—add a link to this related account.</li><li>• <b>REPLACE</b>—replace all current links to related accounts with a link to this account.</li><li>• <b>DELETE</b>—remove the link between the account and this related account.</li></ul>

## 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	<a href="#">accountIdentifierTypeUse</a>	1..*	Array of account identifiers of subaccounts. See accountIdentifierType.
opType	CollectionOperationType	1..1	Type of operation performed on the account. <ul style="list-style-type: none"><li>• <b>ADD</b>—add a link to this subaccount.</li><li>• <b>REPLACE</b>—replace all current links to first-level subaccounts with a link to this one.</li><li>• <b>DELETE</b>—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.</li></ul>

## 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	<a href="#">accountIdentifierTypeUse</a> <a href="#">r</a>	1..1	See accountIdentifierType.
roles	<a href="#">updateUserRolesListType</a> <a href="#">e</a>	1..1	See <a href="#">updateUserRolesListType</a> .



## 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	<a href="#">updateUserAccountType</a>	1..*	List of account identifiers and roles. See <a href="#">updateUserAccountType</a> .
opType	CollectionOperationType	1..1	Type of operation performed on the user's accounts and roles. <ul style="list-style-type: none"><li>• <b>ADD</b>—add the user to the account.</li><li>• <b>REPLACE</b>—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.</li><li>• <b>DELETE</b>—remove the link between the user and account, only if the user is linked to another account.</li></ul>

## 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	<a href="#">accountIdentifierTypeUse</a>	1..1	See accountIdentifierType.
expiryDate	date	0..1	<p>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.</p> <p><b>Note 1:</b> Because the field cannot contain a null value, to clear a previously set expiration date for a user, you must edit the <b>Expiry date</b> 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.</p> <p><b>Note 2:</b> If the <b>Enable User Expiration</b> is not selected in the FlexNet Operations system configuration, the following error message will result:</p> <p>User Account Expiration Configuration is Disabled.</p>
roles	<a href="#">updateUserRolesAccountListType</a>	0..1	See <a href="#">updateUserRolesAccountListType</a> .

## 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	<a href="#">userIdentifierType</a>	1..1	Identifies the user being updated. See <a href="#">userIdentifierType</a> . 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: <ul style="list-style-type: none"><li>Active</li><li>Inactive</li></ul>
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	<p>Optional. Provide time zone setting in one of the following formats:</p> <ul style="list-style-type: none"> <li>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.</li> <li>GMT#.#DST#</li> </ul> <p>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.</p>
shared	boolean	0..1	Is this a shared login among several users?
acctRolesList	<a href="#">updateUserAccountsListType</a>	0..1	List of the user's roles. See <a href="#">updateUserAccountsListType</a> .
customAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	Custom attributes attached to this user. See <a href="#">attributeDescriptorDataType</a> .

## 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	<a href="#">updateUserData</a>	1..*	User to be updated. See <a href="#">updateUserData</a> .

### Referenced By

Name	Type
<a href="#">updateUserRequest</a>	Element
<a href="#">updateUser</a>	Method


## Complex Type: updateUserResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateUserDataListType</a>	0..1	See <a href="#">failedUpdateUserDataListType</a> .									

### Referenced By

Name	Type
<a href="#">updateUserResponse</a>	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	<a href="#">roleIdentifierType</a>	1..*	See <a href="#">roleIdentifierType</a> .

## 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	<a href="#">userIdentifierType</a>	1..1	See <a href="#">userIdentifierType</a> .
accountRoles	<a href="#">updateUserAccountRolesDataType</a>	1..1	See <a href="#">updateUserAccountRolesDataType</a> .




## 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	<a href="#">roleIdentifierType</a>	1..*	See <a href="#">roleIdentifierType</a> .
opType	CollectionOperationType	1..1	Type of operation performed on the user. <ul style="list-style-type: none"><li>• <b>ADD</b>—assign the user to a role.</li><li>• <b>REPLACE</b>—replace a current role assignment.</li><li>• <b>DELETE</b>—remove the link between the user and a role.</li></ul>

## 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	<a href="#">updateUserRolesDataTy pe</a>	1..*	User to be updated. See <a href="#">updateUserRolesData Type</a> .

### Referenced By

Name	Type
<a href="#">updateUserRolesRequest</a>	Element
<a href="#">updateUserRoles</a>	Method


## Complex Type: updateUserRolesResponseType

### 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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateUserRolesDataListType</a>	0..1	See <a href="#">failedUpdateUserRolesDataListType</a> .									

### Referenced By

Name	Type
<a href="#">updateUserRolesResponse</a>	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	<a href="#">userDetailDataType</a>	0..1	See <a href="#">userDetailDataType</a> .
accountExpiryData	<a href="#">accountExpiryType</a>	0..1	See <a href="#">accountExpiryType</a> .


## 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.

## 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	<a href="#">userAccountType</a>	0..*	See <a href="#">userAccountType</a> .

## 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	<a href="#">accountIdentifierTypeUse</a> <a href="#">r</a>	1..1	See accountIdentifierType.
roles	<a href="#">userAccountRolesListType</a> <a href="#">e</a>	0..1	See <a href="#">userAccountRolesListType</a> .


## 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.



## 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	<a href="#">userCustomAttributeQueryType</a>	0..*	See <a href="#">userCustomAttributeQueryType</a> .

## Complex Type: userDetailsDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
userIdentifier	<a href="#">userIdentifierType</a>	1..1	See <a href="#">userIdentifierType</a> .
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: <ul style="list-style-type: none"><li>Active</li><li>Inactive</li></ul>
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 following formats: <ul style="list-style-type: none"><li>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.</li><li>GMT#.#DST#</li></ul> 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 <b>Shared Login</b> control in the administrative console UI. The shared element can be true or false. <ul style="list-style-type: none"><li>• <b>true</b>—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.</li><li>• <b>false</b>—Shared Login is not enabled for the user account.</li></ul>
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	<a href="#">userAccountsListType</a>	0..1	List of the user's roles. See <a href="#">userAccountsListType</a> .
expiryDate	date	0..1	Optional. Date the user is no longer linked to the account. If included, the value cannot be null. <b>Note:</b> 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	<a href="#">attributeDescriptorDataType</a>	0..1	Custom attributes attached to this user. See <a href="#">attributeDescriptorDataType</a> .
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.


## 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	<a href="#">userPKType</a>	0..1	See <a href="#">userPKType</a> .

### Referenced By

Name	Type
<a href="#">forceDeleteUserIdentifierType</a>	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	User's phone number.

## 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. <ul style="list-style-type: none"><li>If <b>canLogin</b> is set to false, this fields is ignored.</li><li>If <b>canLogin</b> is set to true, this field is required.</li></ul>
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.
accountID	SimpleQueryType	0..1	Name of any account to which the user belongs.
accountName	SimpleQueryType	0..1	Display name of any account to which the user belongs.
customAttributes	<a href="#">userCustomAttributesQueryListType</a>	0..1	Custom attributes attached to this user. See <a href="#">userCustomAttributesQueryListType</a> .
lastModifiedDateTime	<a href="#">DateTimeQueryType</a>	0..1	Optional. The date and time at which the user account was last modified. See <a href="#">DateTimeQueryType</a> .

## Content Model

Component	Type	Occurs	Description
accountType	AcctType	0..1	Optional. Defines the account type. <b>accountType</b> can be: <ul style="list-style-type: none"><li>CUSTOMER</li><li>PUBLISHER</li><li>CHANNEL_PARTNER</li><li>SELF_REGISTERED</li></ul> Default: CUSTOMER.
roles	<a href="#">userAccountRolesListType</a>	0..1	See <a href="#">userAccountRolesListType</a> .
sortBy	<a href="#">userSortBys</a>	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: <pre>&lt;urn:sortBy&gt;   &lt;urn:sortKey&gt;EMAIL&lt;/urn:sortKey&gt;   &lt;urn:ascending&gt;false&lt;/urn:ascending&gt; &lt;/urn:sortBy&gt; &lt;/urn:sortBys&gt;</pre> The following fields can be sorted: <ul style="list-style-type: none"><li>ACCOUNT_NAME</li><li>ACCOUNT_ID</li><li>CAN_LOGIN</li><li>CITY</li><li>COUNTRY</li><li>DISPLAY_NAME</li><li>EMAIL</li><li>FIRST_NAME</li><li>ISACTIVE</li><li>LAST_MODIFIED</li><li>LAST_NAME</li><li>STATE</li></ul>

## 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	



## 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	<a href="#">userSortBy</a>	1..*	

## 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	<a href="#">VersionDateOptionType</a>	1..1	See <a href="#">VersionDateOptionType</a> .
duration	<a href="#">DurationType</a>	0..1	Optional. See <a href="#">DurationType</a> .


## 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	<b>VersionFormatType</b> of FIXED or DATE_BASED.
searchType	simpleSearchType	1..1	One of the following <b>simpleSearchType</b> values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>

# Simple Types: UserAcctHierarchyService

## Simple Types

Name
<a href="#">CreateOrUpdateOperationType</a>
<a href="#">StatusType</a>
<a href="#">VersionDateOptionType</a>

Simple Type: CreateOrUpdateOperationType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CREATE_OR_UPDATE	
CREATE_OR_IGNORE	

## Simple Type: StatusType

### Derived By

Restricting NMTOKEN

### Enumeration

Value	Description
SUCCESS	
FAILURE	
PARTIAL_FAILURE	

## 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	



# Elements: UserAcctHierarchyService

## Elements

Name	Description
<a href="#">createAcctRequest</a>	A <b>createAcctRequest</b> message contains an element of createAcctRequestType.
<a href="#">createAcctResponse</a>	A <b>createAcctResponse</b> message contains an element of createAcctResponseType.
<a href="#">createUserRequest</a>	A <b>createUserRequest</b> message contains an element of createUserRequestType.
<a href="#">createUserResponse</a>	A <b>createUserResponse</b> message contains an element of createUserResponseType.
<a href="#">deleteAccountRequest</a>	A <b>deleteAccountRequest</b> message contains an element of deleteAccountRequestType.
<a href="#">deleteAccountResponse</a>	A <b>deleteAccountResponse</b> message contains an element of deleteAccountResponseType.
<a href="#">deleteUserRequest</a>	A <b>deleteUserRequest</b> message contains an element of deleteUserRequestType.
<a href="#">deleteUserResponse</a>	A <b>deleteUserResponse</b> message contains an element of deleteUserResponseType.
<a href="#">getAccountCountRequest</a>	A <b>getAccountCountRequest</b> message contains an element of getAccountCountRequestType.
<a href="#">getAccountCountResponse</a>	A <b>getAccountCountResponse</b> message contains an element of getAccountCountResponseType.
<a href="#">getAccountsQueryRequest</a>	See <b>getAccountsQueryRequest</b> message contains an element of getAccountsQueryRequestType.
<a href="#">getAccountsQueryResponse</a>	See <b>getAccountsQueryResponse</b> message contains an element of getAccountsQueryResponseType.
<a href="#">getParentAccountsRequest</a>	A <b>getParentAccountsRequest</b> message contains an element of getParentAccountsRequestType.
<a href="#">getParentAccountsResponse</a>	A <b>getParentAccountsResponse</b> message contains an element of getParentAccountsResponseType.
<a href="#">getRelatedAccountsRequest</a>	A <b>getRelatedAccountsRequest</b> message contains an element of getRelatedAccountsRequestType.
<a href="#">getRelatedAccountsResponse</a>	A <b>getRelatedAccountsResponse</b> message contains an element of getRelatedAccountsResponseType.
<a href="#">getSubAccountsRequest</a>	A <b>getSubAccountsRequest</b> message contains an element of getSubAccountsRequestType.
<a href="#">getSubAccountsResponse</a>	A <b>getSubAccountsResponse</b> message contains an element of getSubAccountsResponseType.
<a href="#">getUserAccountsExpiryQueryRequest</a>	A <b>getUserAccountsExpiryQueryRequest</b> message contains an element of getUserAccountsExpiryQueryRequestType.
<a href="#">getUserAccountsExpiryQueryResponse</a>	A <b>getUserAccountsExpiryQueryResponse</b> message contains an element of getUserAccountsExpiryQueryResponseType.
<a href="#">getUserCountRequest</a>	A <b>getUserCountRequest</b> message contains an element of getUserCountRequestType.

## Elements

Name	Description
<a href="#">getUserCountResponse</a>	A <b>getUserCountResponse</b> message contains an element of <code>getUserCountResponseType</code> .
<a href="#">getUserPermissionsRequest</a>	A <b>getUserPermissionsRequest</b> message contains an element of <code>getUserPermissionsRequestType</code> .
<a href="#">getUserPermissionsResponse</a>	A <b>getUserPermissionsResponse</b> message contains an element of <code>getUserPermissionsResponseType</code> .
<a href="#">getUsersQueryRequest</a>	A <b>getUsersQueryRequest</b> message contains an element of <code>getUsersQueryRequestType</code> .
<a href="#">getUsersQueryResponse</a>	A <b>getUsersQueryResponse</b> message contains an element of <code>getUsersQueryResponseType</code> .
<a href="#">linkAccountsRequest</a>	A <b>linkAccountsRequest</b> message contains an element of <code>linkAccountsRequestType</code> .
<a href="#">linkAccountsResponse</a>	A <b>linkAccountsResponse</b> message contains an element of <code>linkAccountsResponseType</code> .
<a href="#">relateAccountsRequest</a>	A <b>relateAccountsRequest</b> message contains an element of <code>relateAccountsRequestType</code> .
<a href="#">relateAccountsResponse</a>	A <b>relateAccountsResponse</b> message contains an element of <code>relateAccountsResponseType</code> .
<a href="#">updateAccountRequest</a>	An <b>updateAccountRequest</b> message contains one or more elements of <code>updateAccountRequestType</code> .
<a href="#">updateAccountResponse</a>	An <b>updateAccountResponse</b> message contains an element of <code>updateAccountResponseType</code> .
<a href="#">updateUserRequest</a>	An <b>updateUserRequest</b> message contains an element of <code>updateUserRequestType</code> .
<a href="#">updateUserResponse</a>	An <b>updateUserResponse</b> message contains an element of <code>updateUserResponseType</code> .
<a href="#">updateUserRolesRequest</a>	An <b>updateUserRolesRequest</b> message contains an element of <code>updateUserRolesRequestType</code> .
<a href="#">updateUserRolesResponse</a>	An <b>updateUserRolesResponse</b> message contains an element of <code>updateUserRolesResponseType</code> .

## 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	<a href="#">accountDataType</a>	1..*	See <a href="#">accountDataType</a> .
opType	<a href="#">CreateOrUpdateOperationType</a>	0..1	Specifies how FlexNet Operations behaves when creating accounts. For details, see <a href="#">CreateOrUpdateOperationType</a> . If no <b>opType</b> 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
<a href="#">createAccount</a>	Method

### XML Example

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

```
<createAcctRequest>
  <account>
    <name>ACME-ENG</name>
    <id>ACME Engineering</id>
    <description>ACME Engineering Account</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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedCreateAcctDataListType</a>	0..1	See <a href="#">failedCreateAcctDataListType</a> .									
responseData	<a href="#">createdAccountDataListType</a>	0..1	See <a href="#">createdAccountDataListType</a> .									

## Referenced By

Name	Type
<a href="#">createAccount</a>	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: 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	<a href="#">createUserData Type</a>	1..*	Required. See <a href="#">createUserData Type</a> .
opType	<a href="#">CreateOrUpdateOperationType</a>	0..1	<p>Specifies how FlexNet Operations behaves when creating users. For details, see <a href="#">CreateOrUpdateOperationType</a>.</p> <ul style="list-style-type: none"><li>• If no <b>opType</b> 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.</li><li>• If the user does not exist and the <b>opType</b> is set to either <b>CREATE_OR_UPDATE</b> or <b>CREATE_OR_IGNORE</b>, 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.</li><li>• If both the user and contact exist and the <b>opType</b> is set to <b>CREATE_OR_UPDATE</b>, the request will update the contact.</li><li>• If both the user and contact exist and the <b>opType</b> is set to <b>CREATE_OR_IGNORE</b>, the request will not update the contact.</li></ul>

### Referenced By

Name	Type
<a href="#">createUser</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedCreateUserDataListType</a>	0..1	See <a href="#">failedCreateUserDataListType</a> .									
responseData	<a href="#">createdUserDataListType</a>	0..1	See <a href="#">createdUserDataListType</a> .									



### Referenced By

Name	Type
<a href="#">createUser</a>	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: 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	<a href="#">deleteAcctDataType</a>	1..*	Account to be deleted. See <a href="#">deleteAcctDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteAccount</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteAcctDataListType</a>	0..1	See <a href="#">failedDeleteAcctDataListType</a> .									

## Referenced By

Name	Type
<a href="#">deleteAccount</a>	Method

## XML Example

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

```
<deleteAccountResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</deleteAccountResponse>
```

## 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	<a href="#">forceDeleteUserIdentifierType</a>	1..*	User to be deleted. See <a href="#">userIdentifierType</a> .

### Referenced By

Name	Type
<a href="#">deleteUser</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedDeleteUserDataListType</a>	0..1	See <a href="#">failedDeleteUserDataListType</a> .									

## Referenced By

Name	Type
<a href="#">deleteUser</a>	Method

## XML Example

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

```
<deleteUserResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</deleteUserResponse>
```

## 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	<a href="#">accountQueryParametersType</a>	0..1	Required. See <a href="#">accountQueryParametersType</a> . Leave this element blank to return all CUSTOMER accounts.

### Referenced By

Name	Type
<a href="#">getAccountCount</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getAccountCountResponseTypeDataType</a>	0..1	See <a href="#">getAccountCountResponseType</a> .									

## Referenced By

Name	Type
<a href="#">getAccountCount</a>	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	<a href="#">accountQueryParametersType</a>	0..1	Required. See <a href="#">accountQueryParametersType</a> . 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 <b>pageNumber</b> to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getAccountsQuery</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getAccountsQueryResponseType</a>	0..1	See <a href="#">getAccountsQueryResponseType</a> .									

Referenced By

Name	Type
<a href="#">getAccountsQuery</a>	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	<a href="#">accountIdentifierTypeUse</a>	1..1	See <a href="#">accountIdentifierType</a> .

### Referenced By

Name	Type
<a href="#">getParentAccounts</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getAccountsQueryResponseType</a>	0..1	See <a href="#">getAccountsQueryResponseType</a> .									

Referenced By

Name	Type
<a href="#">getParentAccounts</a>	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	<a href="#">accountIdentifierTypeUse</a>	1..1	See accountIdentifierType.

### Referenced By

Name	Type
<a href="#">getRelatedAccounts</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getAccountsQueryResponseType</a>	0..1	See <a href="#">getAccountsQueryResponseType</a> .									

Referenced By

Name	Type
<a href="#">getRelatedAccounts</a>	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	<a href="#">accountIdentifierTypeUse</a>	1..1	See accountIdentifierType.

### Referenced By

Name	Type
<a href="#">getSubAccounts</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getAccountsQueryResponseType</a>	0..1	See <a href="#">getAccountsQueryResponseType</a> .									

### Referenced By

Name	Type
<a href="#">getSubAccounts</a>	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	<a href="#">accountUserExpiryQueryParametersType</a>	1..1	See <a href="#">accountUserExpiryQueryParametersType</a> .
pageNumber	integer	1..1	Required. Starts at 1. Say the <b>getUserAccountsExpiryQuery</b> 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
<a href="#">getUserAccountsExpiryQuery</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getUserAccountsExpiryQueryResponseDataType</a>	0..1	See <a href="#">getUserAccountsExpiryQueryResponseDataType</a> .									



## Referenced By

Name	Type
<a href="#">getUserAccountsExpiryQuery</a>	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	<a href="#">userQueryParametersType</a>	0..1	Required. See <a href="#">userQueryParametersType</a> . Leave this element blank to return all users.

### Referenced By

Name	Type
<a href="#">getUserCount</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getUserCountResponseDataType</a>	0..1	See <a href="#">getUserCountResponseDataType</a> .									

## Referenced By

Name	Type
<a href="#">getUserCount</a>	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
<a href="#">getUserPermissions</a>	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.

Component	Type	Occurs	Description									
 SEQUENCE		1..1										
statusInfo	StatusInfoType	1..1	<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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Status Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Status Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getUserPermissionsResponseDataType</a>	0..1	See <a href="#">getUserPermissionsResponseDataType</a> .									

## Referenced By

Name	Type
<a href="#">getUserPermissions</a>	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	<a href="#">userQueryParametersType</a>	0..1	Required. See <a href="#">userQueryParametersType</a> . 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 <b>pageNumber</b> to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

### Referenced By

Name	Type
<a href="#">getUsersQuery</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
responseData	<a href="#">getUsersQueryResponseDataType</a>	0..1	See <a href="#">getUsersQueryResponseDataType</a> .									

## Referenced By

Name	Type
<a href="#">getUsersQuery</a>	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: 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	<a href="#">linkAccountsDataType</a>	1..*	Required. A link between exactly one root account and exactly one subaccount is expressed as an <b>acctData</b> element. A hierarchy with multiple root accounts or multiple sub accounts is constructed link by link with multiple <b>acctData</b> elements in a request. See <a href="#">linkAccountsDataType</a> .

### Referenced By

Name	Type
<a href="#">linkAccounts</a>	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>
  </acctData>
</linkAccountsRequest>
```

## 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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedLinkAcctDataListType</a>	0..1	See <a href="#">failedLinkAcctDataListType</a> .									

## Referenced By

Name	Type
<a href="#">linkAccounts</a>	Method

## XML Example

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

```
<linkAccountsResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</linkAccountsResponse>
```

## 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	<a href="#">relateAccountsDataType</a>	1..*	Required. A relationship between two accounts is expressed as an <b>acctData</b> element. The accounts can be two CHANNEL_PARTNER accounts or a CHANNEL_PARTNER account and a CUSTOMER account. See <a href="#">relateAccountsDataType</a> .

### Referenced By

Name	Type
<a href="#">relateAccounts</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedRelateAccountsDataListType</a>	0..1	See <a href="#">failedRelateAccountsDataListType</a> .									



## Referenced By

Name	Type
<a href="#">relateAccounts</a>	Method

## XML Example

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

```
<relateAccountsResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</relateAccountsResponse>
```

## 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	<a href="#">updateAcctDataType</a>	1..*	Account to be updated. See <a href="#">updateAcctDataType</a> .

### Referenced By

Name	Type
<a href="#">updateAccount</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateAcctDataListType</a>	0..1	See <a href="#">failedUpdateAcctDataListType</a> .									

## Referenced By

Name	Type
<a href="#">updateAccount</a>	Method

## XML Example

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

```
<updateAccountResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</updateAccountResponse>
```

## 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	<a href="#">updateUserDataTypes</a>	1..*	User to be updated. See <a href="#">updateUserDataTypes</a> .

### Referenced By

Name	Type
<a href="#">updateUser</a>	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>
    </acctRolesList>
  </userData>
</updateUserRequest>
```

## 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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateUserDataListType</a>	0..1	See <a href="#">failedUpdateUserDataListType</a> .									



## Referenced By

Name	Type
<a href="#">updateUser</a>	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	<a href="#">updateUserRolesDataTy pe</a>	1..*	User to be updated. See <a href="#">updateUserRolesDataType</a> .

Referenced By

Name	Type
<a href="#">updateUserRoles</a>	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.

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:<ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul></td></tr><tr><td>reason</td><td>string</td><td>Gives reason for partial failure or failure.</td></tr></table>	Element	Data Type	Description	status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>	reason	string	Gives reason for partial failure or failure.
Element	Data Type	Description										
status	StatusType	Returns one of the following: <ul style="list-style-type: none"><li>SUCCESS—All features in the request were processed.</li><li>PARTIAL_FAILURE—Some, but not all features in the request were processed. The <b>getCount</b> and <b>getQuery</b> operations never return PARTIAL_FAILURE.</li><li>FAILURE—None of the features in the request were processed.</li></ul>										
reason	string	Gives reason for partial failure or failure.										
failedData	<a href="#">failedUpdateUserRolesDataListType</a>	0..1	See <a href="#">failedUpdateUserRolesDataListType</a> .									

## Referenced By

Name	Type
<a href="#">updateUserRoles</a>	Method

## XML Example

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

```
<updateUserRolesResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</updateUserRolesResponse>
```

# 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: ManageDeviceServicev5

### Methods

Name	Description
<a href="#">countDevices</a>	The <b>countDevices</b> 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 <b>active</b> SERVER and CLIENT devices is returned.
<a href="#">createDevice</a>	The <b>createDevice</b> 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.
<a href="#">decrementAddonLineItems</a>	<p>The <b>decrementAddonLineItems</b> operation takes one or many devices and decrements entitlement line items to the devices.</p> <p>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.</p> <p>If decrementing for a device fails, then the failed devices are displayed in the response data.</p> <p>The <b>decrementAddonLineItems</b> operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration <b>Allow Removing or Reducing Metered Features From a License Server</b> must be selected (under <b>System &gt; Configure &gt; Embedded Devices &gt; Host Options</b>) in the Producer Portal.</p>
<a href="#">deleteAddonLineItems</a>	<p>The <b>deleteAddonLineItems</b> operation takes one or many devices and deletes entitlement line items from the devices.</p> <p>If deleting for a device fails, then the failed devices are displayed in the response data.</p> <p>The <b>deleteAddonLineItems</b> operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration <b>Allow Removing or Reducing Metered Features From a License Server</b> must be selected (under <b>System &gt; Configure &gt; Embedded Devices &gt; Host Options</b>) in the Producer Portal.</p>
<a href="#">deleteDevice</a>	The <b>deleteDevice</b> operation deletes one or more hardware devices.
<a href="#">generateCapabilityResponse</a>	<p>The <b>generateCapabilityResponse</b> 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:</p> <ul style="list-style-type: none"> <li>• generate a buffer response for a server device</li> <li>• generate a buffer response for a client device that previously received a capability response</li> <li>• generate a capability response for a client device that previously received a buffer response</li> <li>• remove or decrease copies of client device buffer licenses</li> </ul> <p><b>Note:</b> This operation is only for client and server devices, not served clients. The <b>generateCapabilityResponse</b> operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration <b>Allow</b></p>

## Methods

Name	Description
	<p><b>Removing or Reducing Metered Features From a License Server</b> must be selected (under <b>System &gt; Configure &gt; Embedded Devices &gt; Host Options</b>) in the Producer Portal.</p> <p><b>Generating from Capability Requests</b></p> <p>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.</p> <p><b>Generating from Web Service Parameters</b></p> <p>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.</p> <p><b>Note:</b> <i>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.</i></p>
<a href="#">generateCloneDetectionReport</a>	If the setting for "Clone Detection" is enabled in FNO UI under <b>System &gt; Configure &gt; Embedded Devices &gt; Host Options</b> , 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.
<a href="#">generatePrebuiltLicense</a>	The <b>generatePrebuiltLicense</b> 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.
<a href="#">getAutoProvisionedServer</a>	The <b>getAutoProvisionedServer</b> operation returns the default Cloud License Server for the enterprise, if one exists.
<a href="#">getDevice</a>	<p>The <b>getDevice</b> operation takes a unique device identifier and returns that device's data.</p> <p><b>NOTE:</b> The <b>getDevice</b> 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.</p>

## Methods

Name	Description
<a href="#">getDeviceCount</a>	The <b>getDeviceCount</b> 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.
<a href="#">getDevicesQuery</a>	The <b>getDevicesQuery</b> 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. <b>Note:</b> Starting with FlexNet Operations 2018 Release 2, the <b>getDevicesQuery</b> operation is obsolete. Use <b>searchDevices</b> instead.
<a href="#">incrementAddonLineItems</a>	The <b>incrementAddonLineItems</b> 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.
<a href="#">linkAddonLineItems</a>	The <b>linkAddonLineItems</b> 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 <b>linkAddonLineItems</b> operation can also be used to remove metered licenses. In this case, as a prerequisite, the configuration <b>Allow Removing or Reducing Metered Features From a License Server</b> must be selected (under <b>System &gt; Configure &gt; Embedded Devices &gt; Host Options</b> ) in the Producer Portal.
<a href="#">moveDevice</a>	The <b>moveDevice</b> 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 existing, matching entitlements by the count on the device that was moved.
<a href="#">obsoleteHost</a>	The <b>obsoleteHost</b> operation returns all licenses and sets the status of host to "OBSOLETE". Host id is appended with the timestamp and word "OBSOLETE".
<a href="#">returnHost</a>	The <b>returnHost</b> 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
<a href="#">searchDevices</a>	<p>The <b>searchDevices</b> operation takes one or more query parameters and returns the matching devices. If no specific query parameters are provided in the <b>&lt;queryParams&gt;</b> element, all active CLIENT and SERVER devices are returned. You can use <b>&lt;responseConfig&gt;</b> to limit which fields are returned; however, <b>searchDevices</b> returns host identifier and last modified information only if no response configuration is specified. There are certain details that the <b>searchDevices</b> operation does not return; if more details are required for any of the devices found, use <b>getDevice</b> to retrieve them.</p> <p>The optional <b>SortBys</b> element enables sorting of the devices returned by <b>searchDevices</b>.</p> <p><b>Note:</b> Although the WSDL allows the use of multiple <b>sortBy</b> elements, <b>searchDevices</b> currently only supports sorting by a single key.</p>
<a href="#">updateDevice</a>	The <b>updateDevice</b> operation updates one or more hardware devices.

## 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	<a href="#">countDevicesRequestType</a>	Input	

### Returns

A [countDevicesResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedCountDevicesData</a>	See <a href="#">failedCountDevicesData</a> .
responseData	<a href="#">countDevicesResponseData</a>	See <a href="#">countDevicesResponseData</a> .

## Method: createDevice

### Description

The **createDevice** 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	<a href="#">createDevRequestType</a>	Input	

### Returns

A [createDeviceResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedCreateDevDataListType</a>	See <a href="#">failedCreateDevDataListType</a> .
responseData	<a href="#">createdDeviceDataListType</a>	See <a href="#">createdDeviceDataListType</a> .

## 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	<a href="#">linkAddonLineItemsRequestType</a>	Input	

### Returns

A [decrementAddonLineItemsResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">linkFailAddonDataListType</a>	See <a href="#">linkFailAddonDataListType</a> .
responseData	<a href="#">successAddonDataListType</a>	See <a href="#">successAddonDataListType</a> .

## 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	<a href="#">deleteAddonLineItemsRequestType</a>	Input	

### Returns

A [deleteAddonLineItemsResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">deleteFailAddonDataListType</a>	See <a href="#">deleteFailAddonDataListType</a> .
responseData	<a href="#">successAddonDataListType</a>	See <a href="#">successAddonDataListType</a> .

## Method: deleteDevice

### Description

The **deleteDevice** operation deletes one or more hardware devices.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">deleteDeviceRequestType</a>	Input	

### Returns

A [deleteDeviceResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedDeleteDevDataListType</a>	See <a href="#">failedDeleteDevDataListType</a> .

## 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	<a href="#">generateCapabilityResponseRequestType</a>	Input	

## Returns

A [generateCapabilityResponseResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGenerateCapabilityResponseDataType</a>	See <a href="#">failedGenerateCapabilityResponseDataType</a> .
responseData	<a href="#">generateCapabilityResponseDataType</a>	See <a href="#">generateCapabilityResponseDataType</a> .



## 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	<a href="#">generateCloneDetectionReportRequest</a>	Input	

### Returns

A [generateCloneDetectionReportResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
cloneSuspects	anyType (restriction)	See <a href="#">cloneSuspect</a> .

## 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	<a href="#">generatePrebuiltLicenseRequestType</a>	Input	

### Returns

A [generatePrebuiltLicenseResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGeneratePrebuiltLicenseDataListType</a>	See <a href="#">failedGeneratePrebuiltLicenseDataListType</a> .
responseData	<a href="#">generatePrebuiltLicenseDataListType</a>	See <a href="#">generatePrebuiltLicenseListType</a> .

## Method: getAutoProvisionedServer

### Description

The **getAutoProvisionedServer** operation returns the default Cloud License Server for the enterprise, if one exists.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">getAutoProvisionedServerRequest</a>	Input	

### Returns

A [getAutoProvisionedServerResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
cloudLicenseServer	<a href="#">deviceIdentifier</a>	See <a href="#">deviceIdentifier</a> .

## 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	<a href="#">getDeviceRequestType</a>	Input	

### Returns

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

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedDevice	<a href="#">failedGetDeviceDataType</a>	See <a href="#">failedGetDeviceDataType</a> .
device	<a href="#">getDeviceResponseData</a>	See <a href="#">getDeviceResponseData</a> .

## 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	<a href="#">getDevicesCountRequestType</a>	Input	

### Returns

A [getDeviceCountResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGetDevicesDataType</a>	See <a href="#">failedGetDevicesDataType</a> .
responseData	<a href="#">getDeviceCountResponseDataType</a>	See <a href="#">getDeviceCountResponseDataType</a> .

## 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	<a href="#">getDevicesRequestType</a>	Input	

### Returns

A [getDevicesResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGetDevicesDataType</a>	See <a href="#">failedGetDevicesDataType</a> .
responseData	<a href="#">getDevicesResponseDataType</a>	See <a href="#">getDevicesResponseDataType</a> .

## 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	<a href="#">linkAddonLineItemsRequestType</a>	Input	

### Returns

A [incrementAddonLineItemsResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">linkFailAddonDataListType</a>	See <a href="#">linkFailAddonDataListType</a> .
responseData	<a href="#">successAddonDataListType</a>	See <a href="#">successAddonDataListType</a> .

## 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	<a href="#">linkAddonLineItemsRequestType</a>	Input	

### Returns

A [linkAddonLineItemsResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">linkFailAddonDataListType</a>	See <a href="#">linkFailAddonDataListType</a> .
responseData	<a href="#">successAddonDataListType</a>	See <a href="#">successAddonDataListType</a> .



## 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 existing, matching entitlements by the count on the device that was moved.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">moveDeviceRequestType</a>	Input	

### Returns

A [moveDeviceResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedMoveDeviceListDataType</a>	See <a href="#">failedMoveDeviceListDataType</a> .

## 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	<a href="#">obsoleteHostRequestListType</a>	Input	

### Returns

A [obsoleteHostResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedObsoleteHostListDataType</a>	See <a href="#">failedObsoleteHostListDataType</a> .

## 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	<a href="#">returnHostRequestListType</a>	Input	

### Returns

A [returnHostResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedReturnHostListDataType</a>	See <a href="#">failedReturnHostListDataType</a> .

## 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 **SortBy** 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.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">searchDevicesRequestType</a>	Input	

### Returns

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

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failed	<a href="#">failedSearchDevicesData</a>	See <a href="#">failedSearchDevicesData</a> .
devices	<a href="#">searchDevicesResponseData</a>	See <a href="#">searchDevicesResponseData</a> .

## Method: updateDevice

### Description

The **updateDevice** operation updates one or more hardware devices.

### Parameters

Name	Type	Direction	Description
msgparameters	<a href="#">updateDevRequestType</a>	Input	

### Returns

A [updateDeviceResponse](#) element having the structure defined by the following table.

Name	Type	Description
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedUpdateDevDataListType</a>	See <a href="#">failedUpdateDevDataListType</a> .
responseData	<a href="#">updatedDeviceDataListType</a>	See <a href="#">updatedDeviceDataListType</a> .

# Complex Types: ManageDeviceServicev5

## Complex Types

Name
<a href="#">accountIdentifierType</a>
<a href="#">accountPKType</a>
<a href="#">addonData</a>
<a href="#">addonLineItemDataDataType</a>
<a href="#">attributeDescriptorDataType</a>
<a href="#">attributeDescriptorType</a>
<a href="#">capabilityRequestType</a>
<a href="#">capabilityResponseDataType</a>
<a href="#">channelPartnerDataListType</a>
<a href="#">channelPartnerDataType</a>
<a href="#">cloneSuspect</a>
<a href="#">countDevicesRequestType</a>
<a href="#">countDevicesResponseData</a>
<a href="#">countDevicesResponseType</a>
<a href="#">createdDeviceDataListType</a>
<a href="#">createDeviceIdentifier</a>
<a href="#">createDevRequestType</a>
<a href="#">createDevResponseType</a>
<a href="#">customAttributeDescriptorDataType</a>
<a href="#">customAttributeDescriptorType</a>
<a href="#">customAttributeQueryType</a>
<a href="#">customAttributesQueryListType</a>
<a href="#">DateQueryType</a>
<a href="#">DateTimeQueryType</a>
<a href="#">deleteAddonLineItemDataType</a>
<a href="#">deleteAddonLineItemsRequestType</a>
<a href="#">deleteAddonLineItemsResponseType</a>
<a href="#">deleteDeviceRequestType</a>
<a href="#">deleteDeviceResponseType</a>
<a href="#">deleteFailAddonDataListType</a>
<a href="#">deleteFailAddonDataType</a>
<a href="#">deleteLineItemDataType</a>
<a href="#">deleteLineItemIdentifier</a>
<a href="#">deviceDataType</a>

## Complex Types

Name
<a href="#">deviceId</a>
<a href="#">deviceIdIdentifier</a>
<a href="#">DeviceIdTypeQueryType</a>
<a href="#">DeviceMachineTypeQueryType</a>
<a href="#">deviceQueryDataType</a>
<a href="#">DeviceServedStateQueryType</a>
<a href="#">deviceSortBy</a>
<a href="#">deviceSortBys</a>
<a href="#">DeviceStateQueryType</a>
<a href="#">DeviceStatusQueryType</a>
<a href="#">deviceTypeList</a>
<a href="#">dictionaryEntry</a>
<a href="#">dictionaryType</a>
<a href="#">DurationType</a>
<a href="#">entitledProductDataListType</a>
<a href="#">entitledProductDataType</a>
<a href="#">failedCapabilityResponseDataType</a>
<a href="#">failedCountDevicesData</a>
<a href="#">failedCreateDevDataListType</a>
<a href="#">failedCreateDeviceDataType</a>
<a href="#">failedDeleteDevDataListType</a>
<a href="#">failedDeleteDevDataType</a>
<a href="#">failedGenerateCapabilityResponseDataType</a>
<a href="#">failedGeneratePrebuiltLicenseDataListType</a>
<a href="#">failedGeneratePrebuiltLicenseDataType</a>
<a href="#">failedGetDeviceDataType</a>
<a href="#">failedGetDevicesDataType</a>
<a href="#">failedMoveDeviceDataType</a>
<a href="#">failedMoveDeviceListDataType</a>
<a href="#">failedObsoleteHostDataType</a>
<a href="#">failedObsoleteHostListDataType</a>
<a href="#">failedReturnHostDataType</a>
<a href="#">failedReturnHostListDataType</a>
<a href="#">failedSearchDevicesData</a>
<a href="#">failedUpdateDevDataListType</a>

## Complex Types

Name
<a href="#">failedUpdateDeviceDataType</a>
<a href="#">featureDataDataType</a>
<a href="#">generateCapabilityResponseDataType</a>
<a href="#">generateCapabilityResponseDictionary</a>
<a href="#">generateCapabilityResponseDictionaryEntry</a>
<a href="#">generateCapabilityResponseRequestType</a>
<a href="#">generateCapabilityResponseResponseType</a>
<a href="#">generateCloneDetectionReportRequest</a>
<a href="#">generateCloneDetectionReportResponse</a>
<a href="#">generatePrebuiltLicenseDataListType</a>
<a href="#">generatePrebuiltLicenseDataType</a>
<a href="#">generatePrebuiltLicenseRequestType</a>
<a href="#">generatePrebuiltLicenseResponseType</a>
<a href="#">getAutoProvisionedServerRequest</a>
<a href="#">getAutoProvisionedServerResponse</a>
<a href="#">getDeviceCountResponseDataType</a>
<a href="#">getDeviceCountResponseType</a>
<a href="#">getDeviceRequestType</a>
<a href="#">getDeviceResponseConfigType</a>
<a href="#">getDeviceResponseData</a>
<a href="#">getDeviceResponseType</a>
<a href="#">getDevicesCountRequestType</a>
<a href="#">getDevicesParametersType</a>
<a href="#">getDevicesRequestType</a>
<a href="#">getDevicesResponseDataType</a>
<a href="#">getDevicesResponseType</a>
<a href="#">hostTypeIdIdentifier</a>
<a href="#">licenseModelIdentifierType</a>
<a href="#">linkAddonLineItemDataType</a>
<a href="#">linkAddonLineItemsRequestType</a>
<a href="#">linkAddonLineItemsResponseType</a>
<a href="#">linkFailAddonDataListType</a>
<a href="#">linkFailAddonDataType</a>
<a href="#">linkLineItemDataType</a>
<a href="#">linkLineItemIdIdentifier</a>



## Complex Types

Name
<a href="#"><u>moveDeviceList</u></a>
<a href="#"><u>moveDeviceRequestType</u></a>
<a href="#"><u>moveDeviceResponseType</u></a>
<a href="#"><u>NumberQueryType</u></a>
<a href="#"><u>obsoleteHostRequestListType</u></a>
<a href="#"><u>obsoleteHostResponseType</u></a>
<a href="#"><u>obsoleteHostType</u></a>
<a href="#"><u>OpsEmbeddedStatusInfoType</u></a>
<a href="#"><u>productIdentifierType</u></a>
<a href="#"><u>publisherIdentifier</u></a>
<a href="#"><u>returnHostRequestListType</u></a>
<a href="#"><u>returnHostResponseType</u></a>
<a href="#"><u>returnHostType</u></a>
<a href="#"><u>searchDeviceResponseConfigType</u></a>
<a href="#"><u>searchDeviceResponseData</u></a>
<a href="#"><u>searchDevicesParametersType</u></a>
<a href="#"><u>searchDevicesRequestType</u></a>
<a href="#"><u>searchDevicesResponseData</u></a>
<a href="#"><u>searchDevicesResponseType</u></a>
<a href="#"><u>ServerIdsType</u></a>
<a href="#"><u>soldToAcctNameType</u></a>
<a href="#"><u>soldToType</u></a>
<a href="#"><u>successAddonDataListType</u></a>
<a href="#"><u>updateChannelPartnerDataListType</u></a>
<a href="#"><u>updatedDeviceDataListType</u></a>
<a href="#"><u>updateDevDataType</u></a>
<a href="#"><u>updateDevRequestType</u></a>
<a href="#"><u>updateDevResponseType</u></a>
<a href="#"><u>updatesType</u></a>
<a href="#"><u>userIdentifierType</u></a>
<a href="#"><u>userPKType</u></a>

## Complex Type: tns: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	<a href="#">accountPKType</a>	0..1	See <a href="#">accountPKType</a> .

## Complex Type: tns: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: tns: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: <ul style="list-style-type: none"><li>• UNDEFINED</li><li>• LICENSE_NOT_GENERATED</li><li>• LICENSE_GENERATED</li><li>• MARKED_FOR_REMOVAL</li><li>• REMOVED_FROM_LICENSE</li><li>• REMOVAL_PENDING_CONFIRMATION</li><li>• COPIES_INCREASING</li><li>• COPIES_DECREASING</li><li>• WAITING_FOR_CONFIRMATION</li><li>• EXPIRED</li><li>• OBSOLETE</li><li>• INACTIVE</li></ul>
productList	<a href="#">entitledProductDataListType</a>	0..1	See <a href="#">entitledProductDataListType</a> .
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	<p>You can search and filter by <b>addOnExpirationDate</b>. This enhancement enables producers to filter out devices that have expired licenses. Here is an example request:</p> <pre>&lt;urn:addOnExpirationDate&gt;   &lt;urn:value&gt;2015-10-10&lt;/urn:value&gt;   &lt;urn:searchType&gt;AFTER&lt;/urn:searchType&gt; &lt;/urn:addOnExpirationDate&gt;</pre> <p>The <b>addOnExpirationDate</b> parameter is returned in the response, based on the response config parameter.</p>

## Complex Type: tns: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: <ul style="list-style-type: none"><li>• UNDEFINED</li><li>• LICENSE_NOT_GENERATED</li><li>• LICENSE_GENERATED</li><li>• MARKED_FOR_REMOVAL</li><li>• REMOVED_FROM_LICENSE</li><li>• REMOVAL_PENDING_CONFIRMATION</li><li>• COPIES_INCREASING</li><li>• COPIES_DECREASING</li><li>• WAITING_FOR_CONFIRMATION</li><li>• EXPIRED</li><li>• OBSOLETE</li><li>• INACTIVE</li></ul>
entitledProducts	<a href="#">entitledProductDataListType</a>	0..1	See <a href="#">entitledProductDataListType</a> .
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: tns:attributeDescriptorDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	<a href="#">attributeDescriptorType</a>	0..*	<b>attribute</b> contains a required string <b>attributeName</b> and one <a href="#">attributeDescriptorType</a> .



## Complex Type: tns: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: tns:capabilityRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdIdentifier	<a href="#">deviceIdIdentifier</a>	1..1	See <a href="#">deviceIdIdentifier</a> .
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. <b>Note:</b> This parameter not supported as of 2016 R1 .
force	boolean	0..1	Optional. If true, the <a href="#">generateCapabilityResponse</a> generates a response even if the lastUpdateTime indicates that no response is needed. Default: false.
vendorDictionary	<a href="#">generateCapabilityResponseDictionary</a>	0..1	Optional. See <a href="#">generateCapabilityResponseDictionary</a> . <b>Note:</b> This parameter not supported as of 2016 R1.
lineltem	<a href="#">linkLineltemDataType</a>	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 <a href="#">linkLineltemDataType</a> .
bufferLicense	boolean	0..1	Optional. If true, generate a buffer response. <b>Note:</b> This parameter not supported as of 2016 R1.


## Complex Type: tns:capabilityResponseDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
deviceIdIdentifier	<a href="#">deviceIdIdentifier</a>	1..1	See <a href="#">deviceIdIdentifier</a> .
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: tns:channelPartnerDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
channelPartner	<a href="#">channelPartnerDataType</a>	0..*	See <a href="#">channelPartnerDataType</a> .

## Complex Type: tns: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.partner-tier-names.endcustomer.
accountUnit	<a href="#">accountIdentifierType</a>	1..1	See <a href="#">accountIdentifierType</a> .
contact	<a href="#">userIdentifierType</a>	0..1	See <a href="#">userIdentifierType</a> . <b>Note:</b> for <a href="#">deviceDataType</a> and <a href="#">deviceQueryDataType</a> , this parameter is not supported as of 2016 R1.
currentOwner	boolean	0..1	True if the account specified in <b>accountUnit</b> is the current owner of the device. <b>Note:</b> for <a href="#">deviceDataType</a> and <a href="#">deviceQueryDataType</a> , this parameter not supported as of 2016 R1.

## Complex Type: tns: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: <ul style="list-style-type: none"><li>CLIENT</li><li>SERVER</li><li>SERVED_CLIENT</li></ul>
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. <b>Note:</b> 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: tns:countDevicesRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	<a href="#">searchDevicesParametersType</a>	0..1	See <a href="#">searchDevicesParametersType</a> .

### Referenced By

Name	Type
<a href="#">countDevicesRequest</a>	Element
<a href="#">countDevices</a>	Method

## Complex Type: tns: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: tns:countDevicesResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedCountDevicesData</a>	0..1	See <a href="#">failedCountDevicesData</a> .
responseData	<a href="#">countDevicesResponseData</a>	0..1	See <a href="#">countDevicesResponseData</a> .

### Referenced By

Name	Type
<a href="#">countDevicesResponse</a>	Element



## Complex Type: tns:createdDeviceDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	0..*	See <a href="#">deviceIdentifier</a> .

## Complex Type: tns: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.
serverId	<a href="#">ServerIdType</a>	0..1	Server device identifier, if this is a server device. See <a href="#">ServerIdType</a> .
deviceIdType	<a href="#">deviceIdTypeType</a>	0..1	Device ID type. The value for <b>deviceIdType</b> can be: <ul style="list-style-type: none"><li>UNKNOWN</li><li>STRING</li><li>ETHERNET</li><li>FLEXID9</li><li>FLEXID10</li><li>EXTENDED</li><li>INTERNET</li><li>INTERNET6</li><li>USER</li><li>TOLERANT</li><li>VM_UUID</li></ul> 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: tns:createDevRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	<a href="#">deviceDataType</a>	1..*	Name of the device. See <a href="#">deviceDataType</a> .

### Referenced By

Name	Type
<a href="#">createDeviceRequest</a>	Element
<a href="#">createDevice</a>	Method

## Complex Type: tns:createDevResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedCreateDevDataListType</a>	0..1	See <a href="#">failedCreateDevDataListType</a> .
responseData	<a href="#">createdDeviceDataListType</a>	0..1	See <a href="#">createdDeviceDataListType</a> .

### Referenced By

Name	Type
<a href="#">createDeviceResponse</a>	Element

## Complex Type: tns:customAttributeDescriptorDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	<a href="#">customAttributeDescriptorType</a>	0..*	See <a href="#">customAttributeDescriptorType</a> .

## Complex Type: tns: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: tns: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 <b>stringValue</b> or <b>numberValue</b> or <b>booleanValue</b> . Set to true or false if the custom attribute is of type boolean.
dateValue	<a href="#">DateQueryType</a>	0..1	Optional. A <b>dateValue</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a date value to compare to the version date value.</li><li>• <b>searchType</b>—one of the following datedSearchType values:<ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul></li></ul>



## Content Model

Component	Type	Occurs	Description
numberValue	<a href="#">NumberQueryType</a>	0..1	<p>Optional. Depending on the attribute type, set either stringValue or numberValue or booleanValue. A <b>numberValue</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—an integer number to match part or all of the custom attribute value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• GREATER_THAN</li> <li>• GREATER_THAN_EQUALS</li> <li>• LESS_THAN</li> <li>• LESS_THAN_EQUALS</li> <li>• EQUALS</li> <li>• NOT_EQUALS</li> </ul> </li> </ul>
stringValue	SimpleQueryType	0..1	<p>A <b>stringValue</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the custom attribute value.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Complex Type: tns:customAttributesQueryListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
attribute	<a href="#">customAttributeQueryType</a>	0..*	See <a href="#">customAttributeQueryType</a> .


## Complex Type: tns: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: <ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul>


## Complex Type: tns: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: <ul style="list-style-type: none"><li>• BEFORE</li><li>• AFTER</li><li>• ON</li></ul>

## Complex Type: tns:deleteAddonLineItemDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	1..1	See <a href="#">deviceIdentifier</a> .
lineItem	<a href="#">deleteLineItemDataType</a>	1..*	See <a href="#">deleteLineItemDataType</a> .

## Complex Type: tns:deleteAddonLineItemsRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	<a href="#">deleteAddonLineItemData aType</a>	1..*	See <a href="#">deleteAddonLineItemDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteAddonLineItemsRequest</a>	Element
<a href="#">deleteAddonLineItems</a>	Method

## Complex Type: tns:deleteAddonLineItemsResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">deleteFailAddonDataListType</a>	0..1	See <a href="#">deleteFailAddonDataListType</a> .
responseData	<a href="#">successAddonDataListType</a>	0..1	See <a href="#">successAddonDataListType</a> .

### Referenced By

Name	Type
<a href="#">deleteAddonLineItemsResponse</a>	Element

## Complex Type: tns:deleteDeviceRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	1..*	Name of the device. See <a href="#">deviceIdentifier</a> .

### Referenced By

Name	Type
<a href="#">deleteDeviceRequest</a>	Element
<a href="#">deleteDevice</a>	Method



## Complex Type: tns:deleteDeviceResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedDeleteDevDataListType</a>	0..1	See <a href="#">failedDeleteDevDataListType</a> .

### Referenced By

Name	Type
<a href="#">deleteDeviceResponse</a>	Element

## Complex Type: tns:deleteFailAddonDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failAddon	<a href="#">deleteFailAddonDataTy e</a>	0..*	See <a href="#">deleteFailAddonDataTy e</a> .


## Complex Type: tns:deleteFailAddonDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .
lineItem	<a href="#">deleteLineItemDataType</a>	0..1	See <a href="#">deleteLineItemDataType</a> .
reason	string	0..1	Reason for failure.

## Complex Type: tns:deleteLineItemDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	<a href="#">deleteLineItemIdentifier</a>	1..1	See <a href="#">deleteLineItemIdentifier</a> .


## Complex Type: tns: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: tns:deviceDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdIdentifier	<a href="#">createDeviceIdentifier</a>	1..1	See <a href="#">createDeviceIdentifier</a> .
hostTypeName	<a href="#">hostTypeIdentifier</a>	0..1	Optional. If hostTypeName is not specified, you must implement the com.flexnet.opsembedded.publicapi.DeviceHandler.decodeDeviceId() callout to set it. See <a href="#">hostTypeIdentifier</a> .
publisherIdName	<a href="#">publisherIdentifier</a>	0..1	Optional. This field is used to provide the identity value. If <b>publisherIdName</b> 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 <a href="#">publisherIdentifier</a> .
description	string	0..1	Description of the device.
channelPartners	<a href="#">channelPartnerDataListType</a>	0..1	See <a href="#">channelPartnerDataListType</a> . <b>Note:</b> To set the device owner, provide a single account in the End Customer tier (bo.constants.partnerTierNames.endcustomer).
customAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> . <b>Note:</b> 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 deviceIdIdentifier.
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: tns: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	<a href="#">deviceIdTypeType</a>	1..1	See <a href="#">deviceIdTypeType</a> . <b>Note:</b> 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: <ul style="list-style-type: none"><li>• CLIENT</li><li>• SERVER</li><li>• SERVED_CLIENT</li></ul>

## Complex Type: tns:deviceIdIdentifier

### 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: <ul style="list-style-type: none"><li>• CLIENT</li><li>• SERVER</li><li>• SERVED_CLIENT</li></ul>
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	<a href="#">ServerIdsType</a>	0..1	Server device identifier, if the device is a server device. See <a href="#">ServerIdsType</a> .



## Content Model

Component	Type	Occurs	Description
deviceIdType	<a href="#">deviceIdTypeType</a>	0..1	<p>Device ID type. The value for deviceIdType can be:</p> <ul style="list-style-type: none"> <li>UNKNOWN</li> <li>STRING</li> <li>ETHERNET</li> <li>FLEXID9</li> <li>FLEXID10</li> <li>EXTENDED</li> <li>INTERNET</li> <li>INTERNET6</li> <li>USER</li> <li>TOLERANT</li> <li>VM_UUID</li> </ul> <p>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.</p>
publisherName	string	0..1	The name of the publisher. Part of the unique ID of the device.

## Complex Type: tns: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	<a href="#">deviceIdTypeType</a>	1..1	See <a href="#">deviceIdTypeType</a> .
searchType	enumSearchType	1..1	One of the following: <ul style="list-style-type: none"> <li>EQUALS</li> <li>NOT_EQUALS</li> </ul>

## Complex Type: tns: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: <ul style="list-style-type: none"><li>UNKNOWN</li><li>PHYSICAL</li><li>VIRTUAL</li></ul>
searchType	enumSearchType	1..1	One of the following enumSearchType values: <ul style="list-style-type: none"><li>EQUALS</li><li>NOT_EQUALS</li></ul>

## Complex Type: tns: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 specific 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	
deviceIdIdentifier	<a href="#">deviceIdIdentifier</a>	0..1	See <a href="#">deviceIdIdentifier</a> .
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 deviceIdIdentifier.
description	string	0..1	Device description.
hostTypeName	<a href="#">hostTypeIdIdentifier</a>	0..1	See <a href="#">hostTypeIdIdentifier</a> .
deviceStatus	deviceStatusType	0..1	ACTIVE or OBSOLETE.
deviceServedStatus	deviceServedStatusType	0..1	The status of a served client device. One of the following: <ul style="list-style-type: none"><li>NORMAL</li><li>RETURNED</li><li>EXPIRED</li><li>DROPPED</li></ul>
channelPartners	<a href="#">channelPartnerDataListType</a>	0..1	See <a href="#">channelPartnerDataListType</a> . <b>Note:</b> This element returns an account in the End Customer channel partner tier.
soldTo	<a href="#">soldToType</a>	0..1	See <a href="#">soldToType</a> .
soldToAcctName	<a href="#">soldToAcctNameType</a>	0..1	See <a href="#">soldToAcctNameType</a> .
preBuiltProduct	productPKType	0..1	Database primary key of the product—strings containing the <b>name</b> and <b>version</b> 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	<a href="#">publisherIdentifier</a>	0..1	See <a href="#">publisherIdentifier</a> .

## Content Model

Component	Type	Occurs	Description
addonLineItemData	<a href="#">addonLineItemDataDataType</a>	0..*	See <a href="#">addonLineItemDataDataType</a> .
featureData	<a href="#">featureDataDataType</a>	0..*	See <a href="#">featureDataDataType</a> .
customAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .
parentIdentifier	<a href="#">deviceIdentifier</a>	0..1	The <b>parentIdentifier</b> 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 <a href="#">deviceIdentifier</a> .
machineType	machineTypeType	0..1	The <b>machineType</b> 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, <b>vmName</b> is NULL.
vmInfo	<a href="#">dictionaryType</a>	0..1	A BLOB of VM properties. See <a href="#">dictionaryType</a> .
vendorDictionary	<a href="#">dictionaryType</a>	0..1	A BLOB of vendor properties. See <a href="#">dictionaryType</a> .
deviceUser	string	0..1	<p>This field is supported only for the tenants who have configured their Device User Option to <b>On</b>. The <b>deviceUser</b> string is returned only if the request's <b>deviceResponseConfig</b> contains <b>deviceUser</b> field, set to true.</p> <ul style="list-style-type: none"> <li>If the Device User Option is set to <b>Off</b>, and the request's <b>deviceResponseConfig</b> has <b>deviceUser</b> field is <b>true</b>, the service will ignore it, and the response will state that the <b>deviceUser</b> response configuration is not supported.</li> <li>If the Device User Option is set to <b>On with no validation</b>, the response will contain <b>deviceUser</b> field, set to the string value of the Device User.</li> <li>If the Device User Option is set to <b>On with validation</b> and the <b>deviceUser</b> response configuration is set to <b>true</b>, the response will not populate the <b>deviceUser</b> for existing users, populating instead <b>deviceUserIdentifier</b> element with user's info. In cases when the user have been deleted, the deviceUser string will be set to <b>&lt;User System ID&gt; (Removed)</b>.</li> </ul>

## Content Model

Component	Type	Occurs	Description
deviceUserIdentifier	<a href="#">userIdentifierType</a>	0..1	<p>See <a href="#">userIdentifierType</a>. This field is returned when a tenant's <b>Device User Option</b> is set to <b>On with validation</b> and the response configuration's <b>deviceUse</b> is set to <b>true</b>. The response will contain the following information:</p> <ul style="list-style-type: none"><li>• first name</li><li>• last name</li><li>• email address</li><li>• user name</li><li>• phone number</li></ul>

## Complex Type: tns: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: <ul style="list-style-type: none"> <li>NORMAL</li> <li>RETURNED</li> <li>EXPIRED</li> <li>DROPPED</li> </ul>
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: <ul style="list-style-type: none"> <li>STARTS_WITH</li> <li>CONTAINS</li> <li>ENDS_WITH</li> <li>EQUALS</li> </ul>

## Complex Type: tns:deviceSortBy

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sortKey	<a href="#">deviceSortKey</a>	1..1	See <a href="#">deviceSortKey</a> .
ascending	boolean	1..1	If true, results are listed in ascending order. If false, results are listed in descending order.



## Complex Type: tns:deviceSortBys

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sortBy	<a href="#">deviceSortBy</a>	1..*	See <a href="#">deviceSortBy</a> . <b>Note:</b> Currently, only sorting by one key is supported.

## Complex Type: tns: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: <ul style="list-style-type: none"> <li>ACTIVE</li> <li>OBSOLETE</li> <li>RETURNED</li> </ul>
searchType	simpleSearchType	1..1	One of the following simpleSearchType values: <ul style="list-style-type: none"> <li>STARTS_WITH</li> <li>CONTAINS</li> <li>ENDS_WITH</li> <li>EQUALS</li> </ul>

## Complex Type: tns: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: <ul style="list-style-type: none"> <li>ACTIVE</li> <li>OBSOLETE</li> <li>RETURNED</li> </ul>
searchType	enumSearchType	1..1	One of the following enumSearchType values: <ul style="list-style-type: none"> <li>EQUALS</li> <li>NOT_EQUALS</li> </ul>

## Complex Type: tns: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: <ul style="list-style-type: none"> <li>CLIENT</li> <li>SERVER</li> <li>SERVED_CLIENT</li> </ul>


## Complex Type: tns: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: tns:dictionaryType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entry	<a href="#">dictionaryEntry</a>	1..*	An array of dictionaryEntry elements. See <a href="#">dictionaryEntry</a> .

## Complex Type: tns: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 <b>durationUnit</b> .
durationUnit	DurationUnit	1..1	Required. Specify one of the following units of time: <ul style="list-style-type: none"> <li>DAYS</li> <li>WEEKS</li> <li>MONTHS</li> <li>YEARS</li> </ul>

## Complex Type: tns:entitledProductDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entitledProduct	<a href="#">entitledProductDataType</a>	0..*	See <a href="#">entitledProductDataType</a> .



## Complex Type: tns:entitledProductDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
product	<a href="#">productIdentifierType</a>	0..1	See <a href="#">productIdentifierType</a> .
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: tns:failedCapabilityResponseDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .
reason	string	0..1	Reason for failure.

## Complex Type: tns: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: tns:failedCreateDevDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	<a href="#">failedCreateDeviceDataT ype</a>	0..*	See <a href="#">failedCreateDeviceDataT ype</a> .


## Complex Type: tns:failedCreateDeviceDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
device	<a href="#">deviceDataType</a>	0..1	See <a href="#">deviceDataType</a> .
reason	string	0..1	Reason for failure.

## Complex Type: tns:failedDeleteDevDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	<a href="#">failedDeleteDevDataTy e</a>	0..*	See <a href="#">failedDeleteDevDataType</a> .


## Complex Type: tns:failedDeleteDevDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .
reason	string	0..1	Reason for failure.

## Complex Type: tns:failedGenerateCapabilityResponseDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	<a href="#">failedCapabilityResponseDataType</a>	0..*	See <a href="#">failedCapabilityResponseDataType</a> .



## Complex Type: tns:failedGeneratePrebuiltLicenseDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	<a href="#">failedGeneratePrebuiltLicenseDataType</a>	0..*	See <a href="#">failedGeneratePrebuiltLicenseDataType</a> .

## Complex Type: tns:failedGeneratePrebuiltLicenseDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .
reason	string	0..1	Reason for failure.


## Complex Type: tns: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: tns: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: tns:failedMoveDeviceDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .
reason	string	0..1	Reason for failure.

## Complex Type: tns:failedMoveDeviceListDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	<a href="#">failedMoveDeviceDataType</a>	0..*	See <a href="#">failedMoveDeviceDataType</a> .

## Complex Type: tns:failedObsoleteHostDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdentifier	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .
reason	string	0..1	Reason for the failure.

## Complex Type: tns:failedObsoleteHostListDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedHost	<a href="#">failedObsoleteHostDataType</a>	0..*	See <a href="#">failedObsoleteHostDataType</a> .



## Complex Type: tns:failedReturnHostDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdentifier	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .
reason	string	0..1	Reason for failure.

## Complex Type: tns:failedReturnHostListDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedHost	<a href="#">failedReturnHostDataType</a>	0..*	See <a href="#">failedReturnHostDataType</a> .

## Complex Type: tns: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: tns:failedUpdateDevDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failedDevice	<a href="#">failedUpdateDeviceData Type</a>	0..*	See <a href="#">failedUpdateDeviceDataType</a> .


## Complex Type: tns:failedUpdateDeviceDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
device	<a href="#">updateDevDataType</a>	0..1	See <a href="#">updateDevDataType</a> .
reason	string	0..1	Reason for failure.


## Complex Type: tns: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: tns:generateCapabilityResponseDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	<a href="#">capabilityResponseData Type</a>	0..*	See <a href="#">capabilityResponseData Type</a> .

## Complex Type: tns:generateCapabilityResponseDictionary

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
entry	<a href="#">generateCapabilityResponseDictionaryEntry</a>	1..*	See <a href="#">generateCapabilityResponseDictionaryEntry</a>




## Complex Type: tns: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: tns: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	<a href="#">capabilityRequestType</a>	0..*	See <a href="#">capabilityRequestType</a> . 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 <a href="#">generateCapabilityResponse</a> operation requires that you specify a device and provide sufficient data via capabilityRequestType elements to generate the response.

### Referenced By

Name	Type
<a href="#">generateCapabilityResponseRequest</a>	Element
<a href="#">generateCapabilityResponse</a>	Method

## Complex Type: tns:generateCapabilityResponseResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGenerateCapabilityResponseDataType</a>	0..1	See <a href="#">failedGenerateCapabilityResponseDataType</a> .
responseData	<a href="#">generateCapabilityResponseDataType</a>	0..1	See <a href="#">generateCapabilityResponseDataType</a> .

### Referenced By

Name	Type
<a href="#">generateCapabilityResponseResponse</a>	Element

## Complex Type: tns:generateCloneDetectionReportRequest

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
enterpriselds	anyType (restriction)	0..1	System account ID.
enterpriseld	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 <b>generateCloneDetectionReport</b> 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
<a href="#">generateCloneDetectionReportRequest</a>	Element
<a href="#">generateCloneDetectionReport</a>	Method

## Complex Type: tns:generateCloneDetectionReportResponse

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
cloneSuspects	anyType (restriction)	1..1	See <a href="#">cloneSuspect</a> .
cloneSuspect	<a href="#">cloneSuspect</a>	1..*	

### Referenced By

Name	Type
<a href="#">generateCloneDetectionReportResponse</a>	Element

## Complex Type: tns:generatePrebuiltLicenseDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	0..*	See <a href="#">deviceIdentifier</a> .

## Complex Type: tns:generatePrebuiltLicenseDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdIdentifier	<a href="#">deviceIdIdentifier</a>	1..1	See <a href="#">deviceIdIdentifier</a> .
product	<a href="#">productIdentifierType</a>	0..1	See <a href="#">productIdentifierType</a> . <b>Note:</b> This parameter not supported as of 2016 R1.
licenseModel	<a href="#">licenseModelIdentifierType</a>	0..1	See <a href="#">licenseModelIdentifierType</a> . <b>Note:</b> This parameter not supported as of 2016 R1.
licenseModelAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> . <b>Note:</b> This parameter not supported as of 2016 R1.
startDate	date	0..1	Start date of the prebuilt license. <b>Note:</b> This parameter not supported as of 2016 R1.
isPermanent	boolean	0..1	Is license permanent? <b>Note:</b> This parameter not supported as of 2016 R1.
term	<a href="#">DurationType</a>	0..1	See Duration of an expiring license. See <a href="#">DurationType</a> .
expirationDate	date	0..1	License expiration date.

## Complex Type: tns:generatePrebuiltLicenseRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestDataList	<a href="#">generatePrebuiltLicenseDataType</a>	1..*	See <a href="#">generatePrebuiltLicenseDataType</a> .

### Referenced By

Name	Type
<a href="#">generatePrebuiltLicenseRequest</a>	Element
<a href="#">generatePrebuiltLicense</a>	Method



## Complex Type: tns:generatePrebuiltLicenseResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGeneratePrebuiltLicenseDataListType</a>	0..1	See <a href="#">failedGeneratePrebuiltLicenseDataListType</a> .
responseData	<a href="#">generatePrebuiltLicenseDataListType</a>	0..1	See <a href="#">generatePrebuiltLicenseListType</a> .

### Referenced By

Name	Type
<a href="#">generatePrebuiltLicenseResponse</a>	Element

## Complex Type: tns: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
<a href="#">getAutoProvisionedServerRequest</a>	Element
<a href="#">getAutoProvisionedServer</a>	Method

## Complex Type: tns:getAutoProvisionedServerResponse

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
cloudLicenseServer	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .

### Referenced By

Name	Type
<a href="#">getAutoProvisionedServerResponse</a>	Element

## Complex Type: tns: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: tns:getDeviceCountResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGetDevicesDataType</a>	0..1	See <a href="#">failedGetDevicesDataType</a> .
responseData	<a href="#">getDeviceCountResponseDataType</a>	0..1	See <a href="#">getDeviceCountResponseDataType</a> .

### Referenced By

Name	Type
<a href="#">getDeviceCountResponse</a>	Element


## Complex Type: tns:getDeviceRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
deviceId	<a href="#">deviceId</a>	1..1	See <a href="#">deviceId</a> .
responseConfig	<a href="#">getDeviceResponseConfigType</a>	0..1	See <a href="#">getDeviceResponseConfigType</a> .

### Referenced By

Name	Type
<a href="#">getDevice</a>	Method

## Complex Type: tns: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	



## Complex Type: tns:getDeviceResponseData

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceId	<a href="#">deviceId</a>	0..1	See <a href="#">deviceId</a> .
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: <ul style="list-style-type: none"> <li>NORMAL</li> <li>RETURNED</li> <li>EXPIRED</li> <li>DROPPED</li> </ul>
hosted	boolean	0..1	One of the following: <ul style="list-style-type: none"> <li><b>false</b> - for local server</li> <li><b>true</b> - for Cloud License Service instance.</li> </ul>
soldTo	<a href="#">soldToType</a>	0..1	See <a href="#">soldToType</a> .
baseProduct	productPKType	0..1	Database primary key of the product—strings containing the <b>name</b> and <b>version</b> 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	<a href="#">addonData</a>	0..*	See <a href="#">addonData</a> .
feature	<a href="#">featureDataDataType</a>	0..*	See <a href="#">featureDataDataType</a> .

## Content Model

Component	Type	Occurs	Description
customAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .
parentIdentifier	<a href="#">deviceId</a>	0..1	See <a href="#">deviceId</a> .
machineType	machineTypeType	0..1	The value is a string to match part or all of the machineType: <ul style="list-style-type: none"> <li>UNKNOWN</li> <li>PHYSICAL</li> <li>VIRTUAL</li> </ul>
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	<a href="#">dictionaryType</a>	0..1	See <a href="#">dictionaryType</a> .
vendorDictionary	<a href="#">dictionaryType</a>	0..1	See <a href="#">dictionaryType</a> .
update	<a href="#">updatesType</a>	0..*	See <a href="#">updatesType</a> .
userString	string	0..1	Name of user.
userIdentifier	<a href="#">userIdentifierType</a>	0..1	See <a href="#">userIdentifierType</a> .
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: <ul style="list-style-type: none"> <li>set whenever the device calls in and FlexNet Operations generates a response, and</li> <li>updated regardless of whether there was a change in the generated response or not (in which case FlexNet Operations replies with an empty license)</li> </ul>

## Complex Type: tns:getDeviceResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedDevice	<a href="#">failedGetDeviceDataTypee</a>	0..1	See <a href="#">failedGetDeviceDataTypee</a> .
device	<a href="#">getDeviceResponseData</a>	0..1	See <a href="#">getDeviceResponseData</a> .

## Complex Type: tns:getDevicesCountRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	<a href="#">getDevicesParametersType</a>	0..1	See <a href="#">getDevicesParametersType</a> .

### Referenced By

Name	Type
<a href="#">getDeviceCountRequest</a>	Element
<a href="#">getDeviceCount</a>	Method

## Complex Type: tns: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 specific 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 <b>alias</b> element contains a value and a search type. A value is a string to match part or all of the <b>alias</b> , and a <b>searchType</b> is one of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>
deviceId	SimpleQueryType	0..1	Optional. A <b>deviceId</b> element contains a value and search type. A value is a string to match part or all of the <b>deviceId</b> , and a <b>searchType</b> is one of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>

## Content Model

Component	Type	Occurs	Description
deviceIdType	<a href="#">DeviceldTypeQueryType</a>	0..1	<p>A <b>deviceIdType</b> element contains a value and search type. The value is a string to match part or all of the <b>deviceIdType</b>:</p> <ul style="list-style-type: none"><li>UNKNOWN</li><li>STRING</li><li>ETHERNET</li><li>FLEXID9</li><li>FLEXID10</li><li>INTERNET</li><li>INTERNET6</li><li>USER</li><li>TOLERANT</li><li>VM_UUID</li></ul> <p><b>NOTE:</b> When using a <b>deviceType</b> of <b>SERVER</b>, this field is mandatory.</p> <p>The <b>searchType</b> is one of the following enumSearchType values:</p> <ul style="list-style-type: none"><li>EQUALS</li><li>NOT_EQUALS</li></ul>
parentId	SimpleQueryType	0..1	<p>Optional. A <b>parentId</b> 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.</p> <p>A <b>parentId</b> element contains a value and a search type. A value is a string to match part or all of the <b>parentId</b>, and a <b>searchType</b> is one of the following simpleSearchType values:</p> <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>

## Content Model

Component	Type	Occurs	Description
hostTypeName	SimpleQueryType	0..1	Optional. A <b>hostTypeName</b> element contains a value and search type. A value is a string to match part or all of the <b>hostTypeName</b> , and a <b>searchType</b> is one of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>
soldTo	SimpleQueryType	0..1	Optional. A <b>soldTo</b> 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 <b>soldTo</b> , and a <b>searchType</b> is one of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>
soldToAcctId	SimpleQueryType	0..1	Optional. A <b>soldToAcctId</b> 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 <b>soldToAcctId</b> , and a <b>searchType</b> is one of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>

## Content Model

Component	Type	Occurs	Description
description	SimpleQueryType	0..1	Optional. A <b>description</b> element contains a value and search type. A value is a string to match part or all of the <b>description</b> , and a <b>searchType</b> is one of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>
status	<a href="#">DeviceStateQueryType</a>	0..1	Optional. The <b>status</b> of the device. See <a href="#">DeviceStateQueryType</a> .
addOnActivationId	SimpleQueryType	0..1	Optional. An <b>addOnActivationID</b> element contains a value and search type. A value is a string to match part or all of the <b>addOnActivationID</b> , and a <b>searchType</b> is one of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>
addOnProductName	SimpleQueryType	0..1	Optional. An <b>addOnProductName</b> element contains a value and search type. A value is a string to match part or all of the <b>addOnProductName</b> , and a <b>searchType</b> is one of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>



## Content Model

Component	Type	Occurs	Description
addOnProductVersion	SimpleQueryType	0..1	Optional. An <b>addOnProductVersion</b> element contains a value and search type. A value is a string to match part or all of the <b>addOnProductVersion</b> , and a <b>searchType</b> is one of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>
featureName	SimpleQueryType	0..1	Optional. A <b>featureName</b> element contains a value and search type. A value is a string to match part or all of the <b>featureName</b> , and a <b>searchType</b> is one of the following simpleSearchType values: <ul style="list-style-type: none"><li>STARTS_WITH</li><li>CONTAINS</li><li>ENDS_WITH</li><li>EQUALS</li></ul>
isServer	boolean	0..1	Optional. True if the device is a FlexNet Embedded server device. (See note about isServer and deviceTypes.)
deviceTypes	<a href="#">deviceTypeList</a>	0..1	Optional. The <b>deviceTypes</b> 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 <b>Device User Option</b> . <ul style="list-style-type: none"><li>If the <b>Device User Option</b> is set to <b>Off</b>, the <b>userString</b> field is ignored, and the response states that this criteria is not supported</li><li>If the <b>Device User Option</b> is set to <b>On with no validation</b>, the userString is matched with string value of the <b>Device User</b>.</li><li>If the <b>Device User Option</b> is set to <b>On with validation</b>, the userString is matched with the email of the <b>Device User</b>.</li></ul>

## Complex Type: tns:getDevicesRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	<a href="#">getDevicesParametersType</a>	0..1	See <a href="#">getDevicesParametersType</a> .

## Content Model

Component	Type	Occurs	Description
deviceResponseConfig	deviceResponseConfigRequestType	0..1	<p>Specifies the configuration settings to be included in the response. Includes the following boolean elements:</p> <ul style="list-style-type: none"><li>alias</li><li>description</li><li>status</li><li>servedStatus</li><li>hostTypeName</li><li>soldTo</li><li>channelPartners</li><li>preBuiltLicense</li><li>addOnActivationId</li><li>addOnCounts</li><li>addOnProduct</li><li>addOnLicense</li><li>addOnExpirationDateOverride</li><li>publisherIdentity</li><li>parent</li><li>machineType</li><li>vmDetails</li><li>vmInfo</li><li>vendorDictionary</li><li>deviceUser</li></ul> <p><b>Note:</b> If <b>channelPartners</b> is selected, the response includes only the account in the End Customer tier (bo.constants.partnerTierNames.endcustomer).</p>

## 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 <b>pageNumber</b> to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

## Referenced By

Name	Type
<a href="#">getDevicesRequest</a>	Element
<a href="#">getDevicesQuery</a>	Method

## Complex Type: tns:getDevicesResponseDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	<a href="#">deviceQueryDataType</a>	0..*	See <a href="#">deviceQueryDataType</a> .

## Complex Type: tns:getDevicesResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGetDevicesDataTy e</a>	0..1	See <a href="#">failedGetDevicesDataType</a> .
responseData	<a href="#">getDevicesResponseDat aType</a>	0..1	See <a href="#">getDevicesResponseDataType</a> .

### Referenced By

Name	Type
<a href="#">getDevicesResponse</a>	Element


## Complex Type: tns: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: tns: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 <b>name</b> of the license model.



## Complex Type: tns:linkAddonLineItemDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	1..1	See <a href="#">deviceIdentifier</a> .
lineItem	<a href="#">linkLineItemDataType</a>	1..*	See <a href="#">linkLineItemDataType</a> .

## Complex Type: `tns:linkAddonLinItemsRequestType`

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	<a href="#">linkAddonLinItemDataType</a>	1..*	See <a href="#">linkAddonLinItemDataType</a> .

### Referenced By

Name	Type
<a href="#">decrementAddonLinItemsRequest</a>	Element
<a href="#">incrementAddonLinItemsRequest</a>	Element
<a href="#">linkAddonLinItemsRequest</a>	Element
<a href="#">decrementAddonLinItems</a>	Method
<a href="#">incrementAddonLinItems</a>	Method
<a href="#">linkAddonLinItems</a>	Method

## Complex Type: tns:linkAddonLineItemsResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">linkFailAddonDataListType</a>	0..1	See <a href="#">linkFailAddonDataListType</a> .
responseData	<a href="#">successAddonDataListType</a>	0..1	See <a href="#">successAddonDataListType</a> .

### Referenced By

Name	Type
<a href="#">decrementAddonLineItemsResponse</a>	Element
<a href="#">incrementAddonLineItemsResponse</a>	Element
<a href="#">linkAddonLineItemsResponse</a>	Element

## Complex Type: tns:linkFailAddonDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
failAddon	<a href="#">linkFailAddonDataType</a>	0..*	See <a href="#">linkFailAddonDataType</a> .


## Complex Type: tns:linkFailAddonDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .
lineItem	<a href="#">linkLineItemDataType</a>	0..1	See <a href="#">linkLineItemDataType</a> .
reason	string	0..1	Reason for failure.

## Complex Type: tns:linkLineItemDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
lineItemIdentifier	<a href="#">linkLineItemIdentifier</a>	1..1	See <a href="#">linkLineItemIdentifier</a> .

## Complex Type: tns: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 <a href="#">generateCapabilityResponse</a> . 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: tns:moveDeviceList

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	1..*	See <a href="#">deviceIdentifier</a> .



## Complex Type: tns:moveDeviceRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
sourceDevices	<a href="#">moveDeviceList</a>	1..1	Devices to move. See <a href="#">moveDeviceList</a> .
soldToUniqueld	string	0..1	Unique database identifier of the account to which the device currently belongs. Specify either <b>soldToUniqueld</b> or <b>soldToName</b> , not both.
soldToName	string	0..1	The name of the account to which the device currently belongs. Specify either <b>soldToUniqueld</b> or <b>soldToName</b> , 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. <b>Note:</b> This parameter not supported as of 2016 R1.

### Referenced By

Name	Type
<a href="#">moveDeviceRequest</a>	Element
<a href="#">moveDevice</a>	Method

## Complex Type: tns:moveDeviceResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedMoveDeviceListDataaType</a>	0..1	See <a href="#">failedMoveDeviceListDataaType</a> .

### Referenced By

Name	Type
<a href="#">moveDeviceResponse</a>	Element


## Complex Type: tns: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: <ul style="list-style-type: none"><li>GREATER_THAN</li><li>GREATER_THAN_EQUALS</li><li>LESS_THAN</li><li>LESS_THAN_EQUALS</li><li>EQUALS, NOT_EQUALS</li></ul>

## Complex Type: tns:obsoleteHostRequestListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
host	<a href="#">obsoleteHostType</a>	1..*	See <a href="#">obsoleteHostType</a> .

### Referenced By

Name	Type
<a href="#">obsoleteHostRequest</a>	Element
<a href="#">obsoleteHost</a>	Method


## Complex Type: tns:obsoleteHostResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedObsoleteHostListDataTaType</a>	0..1	See <a href="#">failedObsoleteHostListDataTaType</a> .

### Referenced By

Name	Type
<a href="#">obsoleteHostResponse</a>	Element

## Complex Type: tns:obsoleteHostType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdentifier	<a href="#">deviceIdentifier</a>	1..1	See <a href="#">deviceIdentifier</a> .


## Complex Type: tns: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: <ul style="list-style-type: none"><li>SUCCESS</li><li>FAILURE</li><li>PARTIAL_FAILURE</li></ul>
reason	string	0..1	Reason related to the status.

## Complex Type: tns: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 <b>name</b> and <b>version</b> of the product.
productLine	string	0..1	Product line of the product.




## Complex Type: tns: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: tns:returnHostRequestListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
returnHosts	<a href="#">returnHostType</a>	1..*	See <a href="#">returnHostType</a> .

### Referenced By

Name	Type
<a href="#">returnHostRequest</a>	Element
<a href="#">returnHost</a>	Method

## Complex Type: tns:returnHostResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedReturnHostListDataType</a>	0..1	See <a href="#">failedReturnHostListDataType</a> .

### Referenced By

Name	Type
<a href="#">returnHostResponse</a>	Element

## Complex Type: tns:returnHostType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
hostIdentifier	<a href="#">deviceIdentifier</a>	1..1	See <a href="#">deviceIdentifier</a> .
targetHostIdentifier	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .

## Complex Type: tns: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	

## Complex Type: tns:searchDeviceResponseData

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceId	<a href="#">deviceId</a>	0..1	See <a href="#">deviceId</a> .
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: <ul style="list-style-type: none"><li>ACTIVE</li><li>OBSOLETE</li><li>TEST</li><li>RETURNED</li></ul>
servedStatus	servedStatusType	0..1	One of the following: <ul style="list-style-type: none"><li>NORMAL</li><li>RETURNED</li><li>EXPIRED</li><li>DROPPED</li></ul>
hosted	boolean	0..1	If true, limits the servers and served clients returned to hosted instances.
soldTo	<a href="#">soldToType</a>	0..1	See <a href="#">soldToType</a> .
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 publisher name.
parentIdentifier	<a href="#">deviceId</a>	0..1	See <a href="#">deviceId</a> .

## Content Model

Component	Type	Occurs	Description
machineType	machineTypeType	0..1	The value is a string to match part or all of the machineType: <ul style="list-style-type: none"> <li>UNKNOWN</li> <li>PHYSICAL</li> <li>VIRTUAL</li> </ul>
vmName	string	0..1	The name of the virtual machine on which the device is hosted. If the <b>machineType</b> is not VIRTUAL, vmName is NULL.
userString	string	0..1	Name of the user.
userIdentifier	<a href="#">userIdentifierType</a>	0..1	See <a href="#">userIdentifierType</a> .
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: <ul style="list-style-type: none"> <li>set whenever the device calls in and FlexNet Operations generates a response, and</li> <li>updated regardless of whether there was a change in the generated response or not (in which case FlexNet Operations replies with an empty license)</li> </ul>
addon	<a href="#">addonData</a>	0..*	See <a href="#">addonData</a> .
hasUpdates	boolean	0..1	

## Complex Type: tns: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 <b>name</b> contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the device name.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
deviceId	SimpleQueryType	0..1	Optional. A <b>deviceId</b> contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the device ID.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>



## Content Model

Component	Type	Occurs	Description
deviceIdType	<a href="#">DeviceIdTypeQueryType</a>	0..1	<p>Device ID type. The value for <b>deviceIdType</b> can be:</p> <ul style="list-style-type: none"> <li>UNKNOWN</li> <li>STRING</li> <li>ETHERNET</li> <li>FLEXID9</li> <li>FLEXID10</li> <li>EXTENDED</li> <li>INTERNET</li> <li>INTERNET6</li> <li>USER</li> <li>TOLERANT</li> <li>VM_UUID</li> </ul> <p>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.</p>
deviceClasses	deviceClassList	0..1	<p>One of the following:</p> <ul style="list-style-type: none"> <li>CLIENT</li> <li>SERVER</li> <li>SERVED_CLIENT</li> </ul>
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 <b>parentId</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the parent server ID.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
hostTypeName	SimpleQueryType	0..1	Optional. A <b>hostTypeName</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the host type name.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
soldTo	SimpleQueryType	0..1	Optional. A <b>soldTo</b> account name contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the sold to account name.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
soldToAcctId	SimpleQueryType	0..1	Optional. A <b>soldToAcctId</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the sold to account ID.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
description	SimpleQueryType	0..1	Optional. A <b>description</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the description.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
status	<a href="#">DeviceStatusQueryType</a>	0..1	See <a href="#">DeviceStateQueryType</a> .
addOnEntitlementId	SimpleQueryType	0..1	Optional. An <b>addOnEntitlementId</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the add-on-entitlement ID.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
addOnActivationId	SimpleQueryType	0..1	Optional. An <b>addOnActivationId</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the add-on activation ID.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
addOnProductName	SimpleQueryType	0..1	Optional. An <b>addOnProductName</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the add-on product name.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
addOnProductVersion	SimpleQueryType	0..1	Optional. An <b>addOnProductVersion</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the add-on product version number.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>

## Content Model

Component	Type	Occurs	Description
addOnPartNumber	SimpleQueryType	0..1	Optional. An <b>addOnPartNumber</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the add-on part number.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
featureName	SimpleQueryType	0..1	Optional. A <b>featureName</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the Feature name (for served clients).</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
userString	SimpleQueryType	0..1	Optional. A <b>userString</b> contains: <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the device user.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
lastModifiedDate	<a href="#">DateQueryType</a>	0..1	Date the device was last modified.

## Content Model

Component	Type	Occurs	Description
addOnExpirationDate	<a href="#">DateQueryType</a>	0..1	<p>You can search and filter by <b>addOnExpirationDate</b>. This enhancement enables producers to filter out devices that have expired licenses. Here is an example request:</p> <pre>&lt;urn:addOnExpirationDate&gt;   &lt;urn:value&gt;2015-10-10&lt;/urn:value&gt;   &lt;urn:searchType&gt;AFTER&lt;/urn:searchType&gt; &lt;/urn:addOnExpirationDate&gt;</pre> <p>The <b>addOnExpirationDate</b> parameter is returned in the response, based on the response config parameter.</p>
hasLicense	boolean	0..1	<p>You can search and filter by <b>hasLicense</b>. This enhancement enables producers to filter out devices that have invalid licenses. Here is an example request:</p> <pre>&lt;urn:hasLicense&gt;true&lt;/urn:hasLicense&gt;</pre> <p>The <b>hasLicense</b> parameter is returned in the response, based on the response config parameter.</p>

## Complex Type: tns:searchDevicesRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
queryParams	<a href="#">searchDevicesParametersType</a>	0..1	See <a href="#">searchDevicesParametersType</a> .
responseConfig	<a href="#">searchDeviceResponseConfigType</a>	0..1	See <a href="#">searchDeviceResponseConfigType</a> .
sortBy	<a href="#">deviceSortBy</a>	0..1	See <a href="#">deviceSortBy</a> .
pageNumber	integer	0..1	Page number.
batchSize	integer	0..1	Batch size.

### Referenced By

Name	Type
<a href="#">searchDevices</a>	Method

## Complex Type: tns:searchDevicesResponseData

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	<a href="#">searchDeviceResponseData</a>	0..*	See <a href="#">searchDeviceResponseData</a> .



## Complex Type: tns:searchDevicesResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failed	<a href="#">failedSearchDevicesData</a>	0..1	See <a href="#">failedSearchDevicesData</a> .
devices	<a href="#">searchDevicesResponseData</a>	0..1	See <a href="#">searchDevicesResponseData</a> .

## Complex Type: tns: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 <b>Allow Adding Redundant Server</b> setting in <b>System Configuration &gt; Embedded Devices</b> .)


## Complex Type: tns: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: tns: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: tns:successAddonDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	0..*	See <a href="#">deviceIdentifier</a> .

## 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	<a href="#">channelPartnerDataListType</a>	0..1	For the list of channelPartners, see <a href="#">channelPartnerDataListType</a> . Though the list of channelPartners is displayed, only one channelPartners can be associated with Device at the moment.
opType	CollectionOperationType	0..1	<p>This is an optional parameter. Choose one of the following operation types:</p> <ul style="list-style-type: none"> <li>• 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."</li> <li>• 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.</li> <li>• 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."</li> </ul>

## Complex Type: tns:updatedDeviceDataListType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	0..*	See <a href="#">deviceIdentifier</a> .


## Complex Type: tns:updateDevDataType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
 SEQUENCE		1..1	
deviceIdentifier	<a href="#">deviceIdentifier</a>	1..1	See <a href="#">deviceIdentifier</a> .
deviceId	string	0..1	Device ID. Optional, if the identifier of a client device is to be changed.
serverIds	<a href="#">ServerIdsType</a>	0..1	See <a href="#">ServerIdsType</a> . Optional, if the identifier of a server device is to be changed.
deviceIdType	<a href="#">deviceIdTypeType</a>	0..1	<p>Device ID type. The value for deviceIdType can be :</p> <ul style="list-style-type: none"><li>• UNKNOWN</li><li>• STRING</li><li>• ETHERNET</li><li>• FLEXID9</li><li>• FLEXID10</li><li>• EXTENDED</li><li>• INTERNET</li><li>• INTERNET6</li><li>• USER</li><li>• TOLERANT</li><li>• VM_UUID</li></ul> <p>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.</p> <p>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.</p>



## Content Model

Component	Type	Occurs	Description
hostTypeName	<a href="#">hostTypeIdentifier</a>	0..1	Optional. Only necessary if this value must be changed. See <a href="#">hostTypeIdentifier</a> .
publisherIdName	<a href="#">publisherIdentifier</a>	0..1	Optional. Only necessary if this value must be changed. See <a href="#">publisherIdentifier</a> .
description	string	0..1	Device description. Optional, if to be changed.
updateChannelPartners	<a href="#">updateChannelPartnerDataListType</a>	0..1	See <a href="#">updateChannelPartnerDataListType</a> .
customAttributes	<a href="#">attributeDescriptorDataType</a>	0..1	See <a href="#">attributeDescriptorDataType</a> .
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 will be unchanged.

## Complex Type: tns:updateDevRequestType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
device	<a href="#">updateDevDataType</a>	1..*	See <a href="#">updateDevDataType</a> .

### Referenced By

Name	Type
<a href="#">updateDeviceRequest</a>	Element
<a href="#">updateDevice</a>	Method

## Complex Type: tns:updateDevResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedUpdateDevDataListType</a>	0..1	See <a href="#">failedUpdateDevDataListType</a> .
responseData	<a href="#">updatedDeviceDataListType</a>	0..1	See <a href="#">updatedDeviceDataListType</a> .

### Referenced By

Name	Type
<a href="#">updateDeviceResponse</a>	Element


## Complex Type: tns:updateType

### 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: tns: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	<a href="#">userPKType</a>	0..1	See <a href="#">userPKType</a> .


## Complex Type: tns: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.

# Simple Types: ManageDeviceServicev5

## Simple Types

Name
<a href="#">deviceIdTypeType</a>
<a href="#">deviceSortKey</a>

## Simple Type: tns:deviceIdType

### 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: tns: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	

## Elements: ManageDeviceServicev5

### Elements

Name	Description
<a href="#">countDevicesRequest</a>	A <b>countDevicesRequest</b> message contains an element of countDevicesRequestType.
<a href="#">countDevicesResponse</a>	A <b>countDevicesResponse</b> message contains an element of countDevicesResponseType.
<a href="#">createDeviceRequest</a>	A <b>createDeviceRequest</b> message contains an element of createDevRequestType.
<a href="#">createDeviceResponse</a>	A <b>createDeviceResponse</b> message contains an element of createDevResponseType.
<a href="#">decrementAddonLineItemsRequest</a>	A <b>decrementAddonLineItemsRequest</b> message contains an element of linkAddonLineItemsRequestType. It decrements an existing count.
<a href="#">decrementAddonLineItemsResponse</a>	A <b>decrementAddonLineItemsResponse</b> message contains an element of linkAddonLineItemsResponseType.
<a href="#">deleteAddonLineItemsRequest</a>	A <b>deleteAddonLineItemsRequest</b> message contains an element of deleteAddonLineItemsRequestType.
<a href="#">deleteAddonLineItemsResponse</a>	A <b>deleteAddonLineItemsResponse</b> message contains an element of deleteAddonLineItemsResponseType.
<a href="#">deleteDeviceRequest</a>	A <b>deleteDeviceRequest</b> message contains an element of deleteDeviceRequestType.
<a href="#">deleteDeviceResponse</a>	A <b>deleteDeviceResponse</b> message contains an element of deleteDeviceResponseType.
<a href="#">generateCapabilityResponseRequest</a>	A <b>generateCapabilityResponseRequest</b> message contains an element of generateCapabilityResponseRequestType.
<a href="#">generateCapabilityResponseResponse</a>	A <b>generateCapabilityResponseResponse</b> message contains an element of generateCapabilityResponseResponseType.
<a href="#">generateCloneDetectionReportRequest</a>	A <b>generateCloneDetectionReportRequest</b> message contains an element of generateCloneDetectionReportRequest.
<a href="#">generateCloneDetectionReportResponse</a>	A <b>generateCloneDetectionReportResponse</b> message contains an element of generateCloneDetectionReportResponse.
<a href="#">generatePrebuiltLicenseRequest</a>	A <b>generatePrebuiltLicenseRequest</b> message contains an element of generatePrebuiltLicenseRequestType.
<a href="#">generatePrebuiltLicenseResponse</a>	A <b>generatePrebuiltLicenseResponse</b> message contains an element of generatePrebuiltLicenseResponseType.
<a href="#">getAutoProvisionedServerRequest</a>	A <b>getAutoProvisionedServerRequest</b> message contains an element of getAutoProvisionedServerRequest.
<a href="#">getAutoProvisionedServerResponse</a>	A <b>getAutoProvisionedServerResponse</b> message contains an element of getAutoProvisionedServerResponse.
<a href="#">getDeviceCountRequest</a>	A <b>getDeviceCountRequest</b> message contains an element of getDevicesCountRequestType.
<a href="#">getDeviceCountResponse</a>	A <b>getDeviceCountResponse</b> message contains an element of getDeviceCountResponseType.
<a href="#">getDevicesRequest</a>	A <b>getDevicesRequest</b> message contains an element of getDevicesRequestType.

## Elements

Name	Description
<a href="#">getDevicesResponse</a>	A <b>getDevicesResponse</b> message contains an element of <code>getDevicesResponseType</code> .
<a href="#">incrementAddonLineItemsRequest</a>	A <b>incrementAddonLineItemsRequest</b> message contains an element of <code>linkAddonLineItemsRequestType</code> . It increments an existing count.
<a href="#">incrementAddonLineItemsResponse</a>	A <b>incrementAddonLineItemsResponse</b> message contains an element of <code>linkAddonLineItemsResponseType</code> .
<a href="#">linkAddonLineItemsRequest</a>	A <b>linkAddonLineItemsRequest</b> message contains an element of <code>linkAddonLineItemsRequestType</code> .
<a href="#">linkAddonLineItemsResponse</a>	A <b>linkAddonLineItemsResponse</b> message contains an element of <code>linkAddonLineItemsResponseType</code> .
<a href="#">moveDeviceRequest</a>	A <b>moveDeviceRequest</b> message contains an element of <code>moveDeviceRequestType</code> .
<a href="#">moveDeviceResponse</a>	A <b>moveDeviceResponse</b> message contains an element of <code>moveDeviceResponseType</code> .
<a href="#">obsoleteHostRequest</a>	An <b>obsoleteHostRequest</b> message contains an element of <code>obsoleteHostRequestListType</code> .
<a href="#">obsoleteHostResponse</a>	An <b>obsoleteHostResponse</b> message contains an element of <code>obsoleteHostResponseType</code> .
<a href="#">returnHostRequest</a>	A <b>returnHostRequest</b> message contains an element of <code>returnHostRequestListType</code> .
<a href="#">returnHostResponse</a>	A <b>returnHostResponse</b> message contains an element of <code>returnHostResponseType</code> .
<a href="#">updateDeviceRequest</a>	An <b>updateDevRequest</b> message contains an element of <code>updateDevRequestType</code> .
<a href="#">updateDeviceResponse</a>	An <b>updateDevResponse</b> message contains an element of <code>updateDevResponseType</code> .

## Element: tns: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	<a href="#">searchDevicesParametersType</a>	0..1	See <a href="#">searchDevicesParametersType</a> .

### Referenced By

Name	Type
<a href="#">countDevices</a>	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: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedCountDevicesData</a>	0..1	See <a href="#">failedCountDevicesData</a> .
responseData	<a href="#">countDevicesResponseData</a>	0..1	See <a href="#">countDevicesResponseData</a> .

### Referenced By

Name	Type
<a href="#">countDevices</a>	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: `tns: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	<a href="#">deviceDataType</a>	1..*	Name of the device. See <a href="#">deviceDataType</a> .

### Referenced By

Name	Type
<a href="#">createDevice</a>	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>
        </accountUnit>
      </channelPartner>
    </channelPartners>
  </device>
</createDeviceRequest>
```

## 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: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedCreateDevDataListType</a>	0..1	See <a href="#">failedCreateDevDataListType</a> .
responseData	<a href="#">createdDeviceDataListType</a>	0..1	See <a href="#">createdDeviceDataListType</a> .

### Referenced By

Name	Type
<a href="#">createDevice</a>	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.partner-tier-names.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: incrementAddonLineItemsRequest

### 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	<a href="#">linkAddonLineItemDataType</a>	1..*	See <a href="#">linkAddonLineItemDataType</a> .

### Referenced By

Name	Type
<a href="#">decrementAddonLineItems</a>	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>
      <lineItemIdIdentifier>
        <activationId>Online_Reg_ACT58_A</activationId>
        <count>10</count>
      </lineItemIdIdentifier>
    </lineItem>
  </requestList>
</decrementAddonLineItemsRequest>
```

## Element: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">linkFailAddonDataListType</a>	0..1	See <a href="#">linkFailAddonDataListType</a> .
responseData	<a href="#">successAddonDataListType</a>	0..1	See <a href="#">successAddonDataListType</a> .

### Referenced By

Name	Type
<a href="#">decrementAddonLineItems</a>	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: tns:deleteAddonLinItemsRequest

### Description

A **deleteAddonLinItemsRequest** message contains an element of deleteAddonLinItemsRequestType.

### Derived By

Type [deleteAddonLinItemsRequestType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	<a href="#">deleteAddonLinItemData Type</a>	1..*	See <a href="#">deleteAddonLinItemDataType</a> .

### Referenced By

Name	Type
<a href="#">deleteAddonLinItems</a>	Method

### XML Example

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

```
<deleteAddonLinItemsRequest>
  <!--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:-->
    <linItem>
      <linItemIdIdentifier>
        <!--Optional:-->
        <activationId>?</activationId>
      </linItemIdIdentifier>
    </linItem>
  </requestList>
</deleteAddonLinItemsRequest>
```

## Element: tns:deleteAddonLinItemsResponse

### Description

A **deleteAddonLinItemsResponse** message contains an element of deleteAddonLinItemsResponseType.

### Derived By

Type [deleteAddonLinItemsResponseType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">deleteFailAddonDataListType</a>	0..1	See <a href="#">deleteFailAddonDataListType</a> .
responseData	<a href="#">successAddonDataListType</a>	0..1	See <a href="#">successAddonDataListType</a> .

### Referenced By

Name	Type
<a href="#">deleteAddonLinItems</a>	Method

### XML Example

The following XML fragments illustrate **deleteAddonLinItemsResponse** messages:

Sample Successful Response Data:

```
<deleteAddonLinItemsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <deviceIdentifier>
      <deviceType>CLIENT</deviceType>

      <deviceId>1111</deviceId>
    </deviceIdentifier>
  </responseData>
</deleteAddonLinItemsResponse>
```

Sample Failed Response Data:

```
<deleteAddonLinItemsResponse>
  <statusInfo>
    <status>FAILURE</status>
  </statusInfo>
  <failedData>
    <failAddon>
```

## XML Example

```
<deviceIdentifier>  
  <deviceType>CLIENT</deviceType>  
  
</deviceIdentifier>  
<lineltem>  
  <lineltemIdentifier>  
    <activationId>se-cp-1</activationId>  
  </lineltemIdentifier>  
</lineltem>  
<reason>9999:Add-on to remove "se-cp-1" is not currently linked.</reason>  
</failAddon>  
</failedData>  
</deleteAddonLineltemsResponse>
```

Element: **tns: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	<a href="#">deviceIdentifier</a>	1..*	Name of the device. See <a href="#">deviceIdentifier</a> .

Referenced By

Name	Type
<a href="#">deleteDevice</a>	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: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedDeleteDevDataListType</a>	0..1	See <a href="#">failedDeleteDevDataListType</a> .

### Referenced By

Name	Type
<a href="#">deleteDevice</a>	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: tns: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	<a href="#">capabilityRequestType</a>	0..*	See <a href="#">capabilityRequestType</a> . 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 <a href="#">generateCapabilityResponse</a> operation requires that you specify a device and provide sufficient data via capabilityRequestType elements to generate the response.

### Referenced By

Name	Type
<a href="#">generateCapabilityResponse</a>	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>
  </device>
</generateCapabilityResponseRequest>
```

```
<!--Optional:-->
<vendorDictionary>
  <!--1 or more repetitions:-->
  <entry>
    <name>?</name>
    <!--Optional:-->
    <stringValue>?</stringValue>
    <!--Optional:-->
    <numberValue>?</numberValue>
  </ops:entry>
</vendorDictionary>
<!--Zero or more repetitions:-->
<lineltem>
  <lineltemIdentifier>
    <!--Optional:-->
    <activationId>?</activationId>
    <!--Optional:-->
    <count>?</count>
  </lineltemIdentifier>
</lineltem>
<!--Optional:-->
<bufferLicense>?</bufferLicense>
</device>
</generateCapabilityResponseRequest>
```

## Element: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGenerateCapabilityResponseDataType</a>	0..1	See <a href="#">failedGenerateCapabilityResponseDataType</a> .
responseData	<a href="#">generateCapabilityResponseDataType</a>	0..1	See <a href="#">generateCapabilityResponseDataType</a> .

### Referenced By

Name	Type
<a href="#">generateCapabilityResponse</a>	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/opseembedded">
  <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: tns: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	
enterpriselsds	anyType (restriction)	0..1	System account ID.
enterpriseld	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 <b>generateCloneDetectionReport</b> 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
<a href="#">generateCloneDetectionReport</a>	Method

### XML Example

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

```
<generateCloneDetectionReportRequest>
  <enterpriselsds>
    <enterpriseld>4</enterpriseld>
  </enterpriselsds>
  <startDate>2016-11-01T20:14:07</startDate>
  <endDate>2016-11-06T20:45:04+05:30</endDate>
  <pageNumber>1</pageNumber>
  <batchSize>100</batchSize>
</generateCloneDetectionReportRequest>
```

## Element: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
cloneSuspects	anyType (restriction)	1..1	See <a href="#">cloneSuspect</a> .
cloneSuspect	<a href="#">cloneSuspect</a>	1..*	

### Referenced By

Name	Type
<a href="#">generateCloneDetectionReport</a>	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>
      <lineltemActivationIds/>
      <acctId>pritam inc</acctId>
      <acctName>pritam inc</acctName>
      <enterprisId>4</enterprisId>
    </cloneSuspect>
    <cloneSuspect>
      <timeStamp>2016-11-07T10:21:24.293Z</timeStamp>
      <hostClass>SERVED_CLIENT</hostClass>
      <deviceId>served_clone_dev1</deviceId>
      <serverId>9U3D3HZHFE7B</serverId>
      <lineltemActivationIds/>
      <acctId>pritam inc</acctId>
      <acctName>pritam inc</acctName>
      <enterprisId>4</enterprisId>
    </cloneSuspect>
  </cloneSuspects>
</generateCloneDetectionReportResponse>
```

## XML Example

```
</cloneSuspects>  
</generateCloneDetectionReportResponse>
```



## Element: tns: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	<a href="#">generatePrebuiltLicenseDataType</a>	1..*	See <a href="#">generatePrebuiltLicenseDataType</a> .

### Referenced By

Name	Type
<a href="#">generatePrebuiltLicense</a>	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: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGeneratePrebuiltLicenseDataListType</a>	0..1	See <a href="#">failedGeneratePrebuiltLicenseDataListType</a> .
responseData	<a href="#">generatePrebuiltLicenseDataListType</a>	0..1	See <a href="#">generatePrebuiltLicenseListType</a> .

### Referenced By

Name	Type
<a href="#">generatePrebuiltLicense</a>	Method

### XML Example

The following XML fragments illustrate **generatePrebuiltLicenseResponse** messages:

Sample Successful Response Data:

```
<generatePrebuiltLicenseResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <deviceIdIdentifier>
      <deviceType>CLIENT</deviceType>

      <deviceId>555555</deviceId>
    </deviceIdIdentifier>
  </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: tns: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
<a href="#">getAutoProvisionedServer</a>	Method

### XML Example

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

```
<getAutoProvisionedServerRequest>  
  <acctName>MyOrg INC</acctName>  
</getAutoProvisionedServerRequest>
```

## Element: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
cloudLicenseServer	<a href="#">deviceIdentifier</a>	0..1	See <a href="#">deviceIdentifier</a> .

### Referenced By

Name	Type
<a href="#">getAutoProvisionedServer</a>	Method

### XML Example

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

```
<getAutoProvisionedServerResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <cloudLicenseServer>
    <deviceType>SERVER</deviceType>
    <uniqueId>LYZYM7S7E8C</uniqueId>
    <deviceId>LYZYM7S7E8C</deviceId>
    <serverIds>
      <serverId>LYZYM7S7E8C</serverId>
    </serverIds>
    <deviceIdType>STRING</deviceIdType>
    <publisherName>fnedemo</publisherName>
  </cloudLicenseServer>
</getAutoProvisionedServerResponse>
```

## Element: tns: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	<a href="#">getDevicesParametersType</a>	0..1	See <a href="#">getDevicesParametersType</a> .

### Referenced By

Name	Type
<a href="#">getDeviceCount</a>	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:-->
</queryParams>
</getDevicesRequest>
```

## XML Example

```
<machineType>  
  <value>PHYSICAL</value>  
  <searchType>EQUALS</searchType>  
</machineType>  
</queryParams>  
</getDevicesRequest>
```



## Element: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGetDevicesDataTypes</a>	0..1	See <a href="#">failedGetDevicesDataTypes</a> .
responseData	<a href="#">getDeviceCountResponseDataType</a>	0..1	See <a href="#">getDeviceCountResponseDataType</a> .

### Referenced By

Name	Type
<a href="#">getDeviceCount</a>	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: tns: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	<a href="#">getDevicesParametersType</a>	0..1	See <a href="#">getDevicesParametersType</a> .

## Content Model

Component	Type	Occurs	Description
deviceResponseConfig	deviceResponseConfigRequestType	0..1	<p>Specifies the configuration settings to be included in the response. Includes the following boolean elements:</p> <ul style="list-style-type: none"><li>alias</li><li>description</li><li>status</li><li>servedStatus</li><li>hostTypeName</li><li>soldTo</li><li>channelPartners</li><li>preBuiltLicense</li><li>addOnActivationId</li><li>addOnCounts</li><li>addOnProduct</li><li>addOnLicense</li><li>addOnExpirationDateOverride</li><li>publisherIdentity</li><li>parent</li><li>machineType</li><li>vmDetails</li><li>vmInfo</li><li>vendorDictionary</li><li>deviceUser</li></ul> <p><b>Note:</b> If <b>channelPartners</b> is selected, the response includes only the account in the End Customer tier (bo.constants.partnerTierNames.endcustomer).</p>

## 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 <b>pageNumber</b> to 2.
batchSize	integer	1..1	Required. Maximum number of records to return in the response.

## Referenced By

Name	Type
<a href="#">getDevicesQuery</a>	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>
  </deviceResponseConfig>
</getDevicesRequest>
```

## 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: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedGetDevicesDataTypes</a>	0..1	See <a href="#">failedGetDevicesDataTypes</a> .
responseData	<a href="#">getDevicesResponseDataType</a>	0..1	See <a href="#">getDevicesResponseDataType</a> .

### Referenced By

Name	Type
<a href="#">getDevicesQuery</a>	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: decrementAddonLineItemsResponse

### Description

A **incrementAddonLineItemsRequest** message contains an element of linkAddonLineItemsRequestType. It increments 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	<a href="#">linkAddonLineItemDataType</a>	1..*	See <a href="#">linkAddonLineItemDataType</a> .

### Referenced By

Name	Type
<a href="#">incrementAddonLineItems</a>	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>
      <lineItemIdIdentifier>
        <activationId>Online_Reg_ACT58_A</activationId>
        <count>10</count>
      </lineItemIdIdentifier>
    </lineItem>
  </requestList>
</incrementAddonLineItemsRequest>
```



## Element: tns:incrementAddonLinItemsResponse

### Description

A **incrementAddonLinItemsResponse** message contains an element of [linkAddonLinItemsResponseType](#).

### Derived By

Type [linkAddonLinItemsResponseType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">linkFailAddonDataListType</a>	0..1	See <a href="#">linkFailAddonDataListType</a> .
responseData	<a href="#">successAddonDataListType</a>	0..1	See <a href="#">successAddonDataListType</a> .

### Referenced By

Name	Type
<a href="#">incrementAddonLinItems</a>	Method

### XML Example

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

```
<incrementAddonLinItemsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <deviceIdentifier>
      <deviceType>CLIENT</deviceType>
      <deviceId>6565</deviceId>
      <deviceIdType>STRING</deviceIdType>
      <publisherName>demo</publisherName>
    </deviceIdentifier>
  </responseData>
</incrementAddonLinItemsResponse>
```

## Element: tns:linkAddonLinItemsRequest

### Description

A **linkAddonLinItemsRequest** message contains an element of linkAddonLinItemsRequestType.

### Derived By

Type [linkAddonLinItemsRequestType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
requestList	<a href="#">linkAddonLinItemDataType</a>	1..*	See <a href="#">linkAddonLinItemDataType</a> .

### Referenced By

Name	Type
<a href="#">linkAddonLinItems</a>	Method

### XML Example

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

```
<linkAddonLinItemsRequest>
  <!--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:-->
  <linItem>
    <linItemIdIdentifier>
      <!--Optional:-->
      <activationId>?</activationId>
      <!--Optional:-->
      <count>?</count>
    </linItemIdIdentifier>
```

## XML Example

```
</lineltem>  
</requestList>  
</linkAddonLineltemsRequest>
```

**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: tns:linkAddonLinItemsResponse

### Description

A **linkAddonLinItemsResponse** message contains an element of linkAddonLinItemsResponseType.

### Derived By

Type [linkAddonLinItemsResponseType](#)

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
statusInfo	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">linkFailAddonDataListType</a>	0..1	See <a href="#">linkFailAddonDataListType</a> .
responseData	<a href="#">successAddonDataListType</a>	0..1	See <a href="#">successAddonDataListType</a> .

### Referenced By

Name	Type
<a href="#">linkAddonLinItems</a>	Method

### XML Example

The following XML fragments illustrate **linkAddonLinItemsResponse** messages:

Sample Successful Response Data:

```
<linkAddonLinItemsResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
  <responseData>
    <deviceIdentifier>
      <deviceType>CLIENT</deviceType>

      <deviceId>555555</deviceId>
    </deviceIdentifier>
  </responseData>
</linkAddonLinItemsResponse>
```

Sample Failed Response Data:

```
<linkAddonLinItemsResponse>
  <statusInfo>
    <status>FAILURE</status>
  </statusInfo>
  <failedData>
    <failAddon>
```

## XML Example

```
<deviceIdentifier>  
  <deviceType>CLIENT</deviceType>  
  <deviceId>555555</deviceId>  
</deviceIdentifier>  
<lineltem>  
  <lineltemIdentifier>  
    <activationId>se-admin-1</activationId>  
    <count>4</count>  
  </lineltemIdentifier>  
</lineltem>  
  <reason>20030:Add-on has mismatched sold-to.</reason>  
</failAddon>  
</failedData>  
</linkAddonLineltemsResponse>
```

## Element: tns: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	<a href="#">moveDeviceList</a>	1..1	Devices to move. See <a href="#">moveDeviceList</a> .
soldToUniqueld	string	0..1	Unique database identifier of the account to which the device currently belongs. Specify either <b>soldToUniqueld</b> or <b>soldToName</b> , not both.
soldToName	string	0..1	The name of the account to which the device currently belongs. Specify either <b>soldToUniqueld</b> or <b>soldToName</b> , 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. <b>Note:</b> This parameter not supported as of 2016 R1.

### Referenced By

Name	Type
<a href="#">moveDevice</a>	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: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedMoveDeviceListDataaType</a>	0..1	See <a href="#">failedMoveDeviceListDataaType</a> .

### Referenced By

Name	Type
<a href="#">moveDevice</a>	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: **tns: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	<a href="#">obsoleteHostType</a>	1..*	See <a href="#">obsoleteHostType</a> .

Referenced By

Name	Type
<a href="#">obsoleteHost</a>	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: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedObsoleteHostListDataTaType</a>	0..1	See <a href="#">failedObsoleteHostListDataTaType</a> .

### Referenced By

Name	Type
<a href="#">obsoleteHost</a>	Method

### XML Example

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

```
<obsoleteHostResponse>  
  <statusInfo>  
    <status>SUCCESS</status>  
  </statusInfo>  
</obsoleteHostResponse>
```

## Element: tns: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	<a href="#">returnHostType</a>	1..*	See <a href="#">returnHostType</a> .

### Referenced By

Name	Type
<a href="#">returnHost</a>	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: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedReturnHostListDataType</a>	0..1	See <a href="#">failedReturnHostListDataType</a> .

### Referenced By

Name	Type
<a href="#">returnHost</a>	Method

### XML Example

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

```
<returnHostResponse>
  <statusInfo>
    <status>SUCCESS</status>
  </statusInfo>
</returnHostResponse>
```

## Element: tns: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	<a href="#">updateDevDataType</a>	1..*	See <a href="#">updateDevDataType</a> .

### Referenced By

Name	Type
<a href="#">updateDevice</a>	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>
    </publisherIdName>
  </device>
</updateDevRequest>
```

## 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: tns: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	<a href="#">OpsEmbeddedStatusInfoType</a>	1..1	See <a href="#">OpsEmbeddedStatusInfoType</a> .
failedData	<a href="#">failedUpdateDevDataListType</a>	0..1	See <a href="#">failedUpdateDevDataListType</a> .
responseData	<a href="#">updatedDeviceDataListType</a>	0..1	See <a href="#">updatedDeviceDataListType</a> .

### Referenced By

Name	Type
<a href="#">updateDevice</a>	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>

```

# 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
<a href="#">assignDownloadPackageToProduct</a>	The <b>assignDownloadPackageToProduct</b> operation associates a Download Package to the Product.
<a href="#">assignFileToDownloadPackage</a>	The <b>assignFileToDownloadPackage</b> operation associates a file to the Download Package.
<a href="#">createAgreement</a>	The <b>createAgreement</b> operation creates the agreement with the provided Description and content.
<a href="#">createDownloadPackage</a>	The <b>createDownloadPackage</b> operation creates the Download Package with the provide details.
<a href="#">createFile</a>	The <b>createFile</b> operation creates the file with the provided file details.
<a href="#">createManufacturer</a>	The <b>createManufacturer</b> operation creates the Manufacturer with the provided Manufacturer ID and Name.
<a href="#">deleteFile</a>	The <b>deleteFile</b> operation deletes the file image associated with the file.
<a href="#">getAgreementCount</a>	The <b>getAgreementCount</b> operation gets the agreement count with the provided search type.
<a href="#">getAgreementQuery</a>	The <b>getAgreementQuery</b> operation gets the list of agreement descriptions with the provided search type.
<a href="#">getDownloadPackageCount</a>	The <b>getDownloadPackageCount</b> operation gets the Download Package count with the provided search type.
<a href="#">getDownloadPackageInProductCount</a>	The <b>getDownloadPackageInProductCount</b> operation gets the DownloadPackage In a Product count with the provided search type.
<a href="#">getDownloadPackageInProductQuery</a>	The <b>getDownloadPackageInProductQuery</b> operation gets the list of DownloadPackage In a Product with the provided search type.
<a href="#">getDownloadPackageQuery</a>	The <b>getDownloadPackageQuery</b> operation gets the list of DownloadPackageIDs with the provided search type.
<a href="#">getFileCount</a>	The <b>getFileCount</b> operation gets the file count with the provided search type.
<a href="#">getFileQuery</a>	The <b>getFileQuery</b> operation gets the list of file IDs with the provided search type.
<a href="#">getManufacturerCount</a>	The <b>getManufacturerCount</b> operation gets the Manufacturer count with the provided search type.
<a href="#">getManufacturerQuery</a>	The <b>getManufacturerQuery</b> operation gets the list of manufacturer descriptions with the provided search type.
<a href="#">getMultipleDownloadPackagesCount</a>	The <b>getMultipleDownloadPackagesCount</b> operation gets the count of the list of Dowload Package IDs that match the query.
<a href="#">getMultipleDownloadPackagesQuery</a>	The <b>getMultipleDownloadPackagesQuery</b> operation gets the data for a list Download Package IDs with the provided search criteria.
<a href="#">removeDownloadPackageFromProduct</a>	The <b>removeDownloadPackageFromProduct</b> operation disassociates a Download Package from the Product.
<a href="#">removeFileFromDownloadPackage</a>	The <b>removeFileFromDownloadPackage</b> operation disassociates a File from the Download Package.
<a href="#">updateAgreement</a>	The <b>updateAgreement</b> operation updates the existing agreement with new content.

## Methods

Name	Description
<a href="#">updateDownloadPackage</a>	The <b>updateDownloadPackage</b> operation updates the existing Download Package with new description.
<a href="#">updateDownloadPackageContainerCapability</a>	
<a href="#">updateFile</a>	The <b>updateFile</b> operation updates the existing File with new a description and content.
<a href="#">updateManufacturer</a>	The <b>updateManufacturer</b> operation updates the existing manufacturer with new manufacturer name.
<a href="#">uploadFile</a>	The <b>uploadFile</b> 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	<a href="#">ProductIDType</a>	Input	
DownloadPackage	<a href="#">DownloadPackageIDType</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
Product	<a href="#">ProductIDType</a>	See <a href="#">ProductIDType</a> .
DownloadPackage	<a href="#">DownloadPackageIDType</a>	See <a href="#">DownloadPackageIDType</a> .

### 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	<a href="#">DownloadPackageIDType</a>	Input	
File	<a href="#">FileInDownloadPackageType</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
DownloadPackage	<a href="#">DownloadPackageIDType</a>	See <a href="#">DownloadPackageIDType</a> .
File	<a href="#">FileInDownloadPackageType</a>	See <a href="#">FileInDownloadPackageType</a> .

### 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	<a href="#">Agreement</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
Agreement	<a href="#">Agreement</a>	See <a href="#">Agreement</a> .

### 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	<a href="#">DownloadPackage</a>	Input	
OpType	<a href="#">OpTypeType</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
DownloadPackage	<a href="#">DownloadPackage</a>	See <a href="#">DownloadPackage</a> .

### 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	<a href="#">File</a>	Input	
OpType	<a href="#">OpTypeType</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
File	<a href="#">File</a>	See <a href="#">File</a> .

### 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	<a href="#">Manufacturer</a>	Input	
OpType	<a href="#">OpTypeType</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
Manufacturer	<a href="#">Manufacturer</a>	See <a href="#">Manufacturer</a> .

### 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	<a href="#">FileIDType</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
File	<a href="#">FileIDType</a>	See <a href="#">FileIDType</a> .

### 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	<a href="#">AgreementQueryParameters</a>	Input	

### Returns

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

Name	Type	Description
QueryResult	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataType</a>	See <a href="#">CountResponseDataType</a> .

### 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	<a href="#">AgreementQueryParameters</a>	Input	

### Returns

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

Name	Type	Description
QueryResult	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">AgreementQueryResponseData Type</a>	See <a href="#">AgreementQueryResponseData Type</a> .

### 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	<a href="#">DownloadPackageQueryParameters</a>	Input	

### Returns

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

Name	Type	Description
QueryResult	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataType</a>	See <a href="#">CountResponseDataType</a> .

### 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	<a href="#">DownloadPackageInProductQueryParameters</a>	Input	

### Returns

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

Name	Type	Description
QueryResult	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataType</a>	See <a href="#">CountResponseDataType</a> .

### 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	<a href="#">DownloadPackageInProductQueryParameters</a>	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	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">DownloadPackageInProductQueryResponseDataType</a>	See <a href="#">DownloadPackageInProductQueryResponseDataType</a> .

### Faults

Name	Content
QueryError	QueryError
UnexpectedError	UnexpectedError

## Method: getDownloadPackageQuery

### Description

The **getDownloadPackageQuery** operation gets the list of DownloadPackageIDs with the provided search type.

### Parameters

Name	Type	Direction	Description
DownloadPackageQueryParameters	<a href="#">DownloadPackageQueryParameters</a>	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	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">DownloadPackageQueryResponseDataType</a>	See <a href="#">DownloadPackageQueryResponseDataType</a> .

### 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	<a href="#">FileQueryParameters</a>	Input	

### Returns

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

Name	Type	Description
QueryResult	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataType</a>	See <a href="#">CountResponseDataType</a> .

### 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	<a href="#">FileQueryParameters</a>	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	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">FileQueryResponseDataType</a>	See <a href="#">FileQueryResponseDataType</a> .

### 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	<a href="#">ManufacturerQueryParameters</a>	Input	

### Returns

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

Name	Type	Description
QueryResult	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataType</a>	See <a href="#">CountResponseDataType</a> .

### 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	<a href="#">ManufacturerQueryParameters</a>	Input	

### Returns

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

Name	Type	Description
QueryResult	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">ManufacturerQueryResponseData eDataType</a>	See <a href="#">ManufacturerQueryResponseDataType</a> .

### 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	<a href="#">MultipleDownloadPackagesQuery Parameters</a>	Input	

### Returns

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

Name	Type	Description
QueryResult	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataType</a>	See <a href="#">CountResponseDataType</a> .

### 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	<a href="#">MultipleDownloadPackagesQuery Parameters</a>	Input	
SortBys	<a href="#">DownloadPackageSortBys</a>	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	<a href="#">QueryResult</a>	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">MultipleDownloadPackagesQueryResponseDataType</a>	See <a href="#">MultipleDownloadPackagesQueryResponseDataType</a> .

### 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	<a href="#">ProductIDType</a>	Input	
DownloadPackage	<a href="#">DownloadPackageIDType</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
Product	<a href="#">ProductIDType</a>	See <a href="#">ProductIDType</a> .
DownloadPackage	<a href="#">DownloadPackageIDType</a>	See <a href="#">DownloadPackageIDType</a> .

### 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	<a href="#">DownloadPackageIDType</a>	Input	
File	<a href="#">FileIDType</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
DownloadPackage	<a href="#">DownloadPackageIDType</a>	See <a href="#">DownloadPackageIDType</a> .
File	<a href="#">FileIDType</a>	See <a href="#">FileIDType</a> .

### 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	<a href="#">Agreement</a>	Input	
OriginalDescription	string	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
Agreement	<a href="#">Agreement</a>	See <a href="#">Agreement</a> .

### 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	<a href="#">DownloadPackage</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
DownloadPackage	<a href="#">DownloadPackage</a>	See <a href="#">DownloadPackage</a> .

### Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

## Method: updateDownloadPackageContainerCapability

### Parameters

Name	Type	Direction	Description
DownloadPackageContainerCapabilityRequest	<a href="#">DownloadPackageContainerCapabilityRequest</a>	Input	

### Returns

A [DownloadPackageContainerCapabilityTransactionResult](#) element having the structure defined by the following table.

Name	Type	Description
<a href="#">TransactionResult</a>	<a href="#">TransactionResult</a>	
<a href="#">DownloadPackageContainerCapabilityResponse</a>	<a href="#">DownloadPackageContainerCapabilityResponse</a>	

### 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	<a href="#">File</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
File	<a href="#">File</a>	See <a href="#">File</a> .

### 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	<a href="#">Manufacturer</a>	Input	

### Returns

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

Name	Type	Description
TransactionResult	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
Manufacturer	<a href="#">Manufacturer</a>	See <a href="#">Manufacturer</a> .

### 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	<a href="#">FileIDType</a>	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	<a href="#">TransactionResult</a>	See <a href="#">TransactionResult</a> .
File	<a href="#">FileIDType</a>	See <a href="#">FileIDType</a> .

### Faults

Name	Content
TransactionError	TransactionError
UnexpectedError	UnexpectedError

# Complex Types: DownloadPackagingService

## Complex Types

Name
<a href="#">Agreement</a>
<a href="#">AgreementCountResult</a>
<a href="#">AgreementQueryParameters</a>
<a href="#">AgreementQueryResponseDataType</a>
<a href="#">AgreementQueryResults</a>
<a href="#">AgreementTransactionResult</a>
<a href="#">AttributeDescriptor</a>
<a href="#">CountResponseDataType</a>
<a href="#">DateTimeQueryType</a>
<a href="#">DownloadPackage</a>
<a href="#">DownloadPackageAlternateLanguage</a>
<a href="#">DownloadPackageAssociationResult</a>
<a href="#">DownloadPackageContainerCapabilityRequest</a>
<a href="#">DownloadPackageContainerCapabilityResponse</a>
<a href="#">DownloadPackageContainerCapabilityTransactionResult</a>
<a href="#">DownloadPackageCountResult</a>
<a href="#">DownloadPackageDisassociationResult</a>
<a href="#">DownloadPackageIDType</a>
<a href="#">DownloadPackageInProductCountResult</a>
<a href="#">DownloadPackageInProductQueryParameters</a>
<a href="#">DownloadPackageInProductQueryResponseDataType</a>
<a href="#">DownloadPackageInProductQueryResults</a>
<a href="#">DownloadPackageQueryParameters</a>
<a href="#">DownloadPackageQueryResponseDataType</a>
<a href="#">DownloadPackageQueryResults</a>
<a href="#">DownloadPackageResult</a>
<a href="#">DownloadPackageSortBy</a>
<a href="#">DownloadPackageSortBys</a>
<a href="#">DownloadPackageSortOrderType</a>
<a href="#">DownloadPackageTransactionResult</a>
<a href="#">ExportComplianceClassification</a>
<a href="#">File</a>
<a href="#">FileAlternateLanguage</a>
<a href="#">FileCountResult</a>

## Complex Types

Name
<a href="#">FileDeleteResult</a>
<a href="#">FileIDType</a>
<a href="#">FileInDownloadPackageType</a>
<a href="#">FileQueryParameters</a>
<a href="#">FileQueryResponseDataType</a>
<a href="#">FileQueryResults</a>
<a href="#">FileResult</a>
<a href="#">FileTransactionResult</a>
<a href="#">FileUploadResult</a>
<a href="#">Manufacturer</a>
<a href="#">ManufacturerCountResult</a>
<a href="#">ManufacturerQueryParameters</a>
<a href="#">ManufacturerQueryResponseDataType</a>
<a href="#">ManufacturerQueryResults</a>
<a href="#">ManufacturerTransactionResult</a>
<a href="#">MultipleDownloadPackagesQueryParameters</a>
<a href="#">MultipleDownloadPackagesQueryResponseDataType</a>
<a href="#">MultipleDownloadPackagesQueryResults</a>
<a href="#">ProductAssociationResult</a>
<a href="#">ProductDisassociationResult</a>
<a href="#">ProductIDType</a>
<a href="#">ProductLine</a>
<a href="#">ProductLineAlternateLanguage</a>
<a href="#">QueryError</a>
<a href="#">QueryResult</a>
<a href="#">TransactionError</a>
<a href="#">TransactionResult</a>
<a href="#">UnexpectedError</a>

## 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
<a href="#">EndUserLicenseAgreement [type DownloadPackageContainerCapabilityResponse]</a>	Element
<a href="#">EvaluationEndUserLicenseAgreement [type DownloadPackageContainerCapabilityResponse]</a>	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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataTy e</a>	0..1	See <a href="#">CountResponseDataType</a> .

## 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: <ul style="list-style-type: none"><li>• <b>value</b>—string to match all or part of the description.</li><li>• <b>searchType</b>—one of the following search values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
Status	StatusType	0..1	Returns one of the following: <ul style="list-style-type: none"><li>• ACTIVE</li><li>• INACTIVE</li></ul>

## 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	<a href="#">Agreement</a>	0..*	See <a href="#">Agreement</a> .

## 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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">AgreementQueryResponseDataType</a>	0..1	See <a href="#">AgreementQueryResponseDataType</a> .

## 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	<a href="#">TransactionResult</a>	1..1	See <a href="#">TransactionResult</a> .
Agreement	<a href="#">Agreement</a>	1..1	See <a href="#">Agreement</a> .

## 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
<a href="#">AttributeDescriptor [type DownloadPackageContainerCapabilityResponse]</a>	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: 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	<a href="#">ExportComplianceClassification</a>	0..1	Required for create. See <a href="#">ExportComplianceClassification</a> .
Manufacturer	<a href="#">Manufacturer</a>	0..1	Required for create. See <a href="#">Manufacturer</a> .
ProductLine	<a href="#">ProductLine</a>	0..1	Required for create. See <a href="#">ProductLine</a> .
EndUserLicenseAgreement	<a href="#">Agreement</a>	0..1	See <a href="#">Agreement</a> .
EvaluationEndUserLicenseAgreement	<a href="#">Agreement</a>	0..1	See <a href="#">Agreement</a> .
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.
RestrictCode	string	0..1	Restrict Download Package functionality. Values are A=Allow, D=Deny, N=empty string (not currently restricted).
AttributeDescriptor	<a href="#">AttributeDescriptor</a>	0..*	See <a href="#">AttributeDescriptor</a> .
AlternateLanguage	<a href="#">DownloadPackageAlternateLanguage</a>	0..*	See <a href="#">DownloadPackageAlternateLanguage</a> .

## Content Model

Component	Type	Occurs	Description
LastModifiedDateTime	dateTime	0..1	<p>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:</p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-09-13T15:00:34+02:00&lt;/value&gt;   &lt;searchType&gt;AFTER&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p>The <b>LastModifiedDateTime</b> includes a <b>value</b> and <b>searchType</b>:</p> <ul style="list-style-type: none"> <li><b>value</b>—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).</li> <li><b>searchType</b>—One of the following values: ON, AFTER, BEFORE.</li> </ul> <p>The date and time in the response are provided in Greenwich Mean Time (GMT).</p> <p><b>EXAMPLE</b> When a download package is created at 2022-08-11T07:10:39 - PST, it can be searched in following ways:</p> <p><b>Central European Time (CET)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T16:10:39+02:00&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p><b>Greenwich Mean Time (GMT)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T14:10:39.000Z&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p><b>Pacific Standard Time (PST)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T07:10:39&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p>Also, the following parameter should be set to true:</p>

## Content Model

Component	Type	Occurs	Description
			<ReturnContainedObjects>true</ReturnContainedObjects>

## 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
<a href="#">AlternateLanguage [type DownloadPackageContainerCapabilityResponse]</a>	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	<a href="#">TransactionResult</a>	1..1	See <a href="#">TransactionResult</a> .
DownloadPackage	<a href="#">DownloadPackageIDType</a>	1..1	See <a href="#">DownloadPackageIDType</a> .
File	<a href="#">FileInDownloadPackageType</a>	1..1	See <a href="#">FileInDownloadPackageType</a> .

## Complex Type: DownloadPackageContainerCapabilityRequest

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
<a href="#">DownloadPackageID</a>	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.
<a href="#">ContainerDelivery</a>	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
<a href="#">DownloadPackageContainerCapabilityRequest [element updateDownloadPackageContainerCapability]</a>	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	
<a href="#">DownloadPackageID</a>	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.
<a href="#">Description</a>	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.
<a href="#">ContainerDelivery</a>	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.
<a href="#">Version</a>	string	0..1	This is the version of the Download Package. Maximum of 64 characters.
<a href="#">EffectiveDate</a>	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.
<a href="#">ExpirationDate</a>	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.
<a href="#">ArchiveDate</a>	date	0..1	Archive date for the Download Package. Once this date has passed the Download Package /version will be 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
<a href="#">SortGroup</a>	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 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.
<a href="#">ExtendedDescription</a>	string	0..1	This is the Extended Description. Maximum of 1000 characters.
<a href="#">ExportComplianceClassification</a>	<a href="#">ExportComplianceClassification</a>	0..1	See, <a href="#">ExportComplianceClassification</a> .
<a href="#">Manufacturer</a>	<a href="#">Manufacturer</a>	0..1	See <a href="#">Manufacturer</a> .
<a href="#">ProductLine</a>	<a href="#">ProductLine</a>	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 is 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.
<a href="#">EndUserLicenseAgreement</a>	<a href="#">Agreement</a>	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.
<a href="#">EvaluationEndUserLicenseAgreement</a>	<a href="#">Agreement</a>	0..1	See <a href="#">Agreement</a> .
<a href="#">DownloadPackageNote</a>	string	0..1	Additional note/information for the Download Package.
<a href="#">PhysicalDistributionAvailable</a>	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.
<a href="#">RestrictCode</a>	string	0..1	Restrict Download Package functionality. Values are A=Allow, D=Deny, N=empty string (not currently restricted).
<a href="#">AttributeDescriptor</a>	<a href="#">AttributeDescriptor</a>	0..*	See <a href="#">AttributeDescriptor</a> .
<a href="#">AlternateLanguage</a>	<a href="#">DownloadPackageAlternateLanguage</a>	0..*	See <a href="#">DownloadPackageAlternateLanguage</a> .

Referenced By

Name	Type
<a href="#">DownloadPackageContainerCapabilityResponse</a> [type <a href="#">DownloadPackageContainerCapabilityTransactionResult</a> ]	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	
<a href="#">TransactionResult</a>	<a href="#">TransactionResult</a>	1..1	
<a href="#">DownloadPackageContainerCapabilityResponse</a>	<a href="#">DownloadPackageContainerCapabilityResponse</a>	1..1	

### Referenced By

Name	Type
<a href="#">DownloadPackageContainerCapabilityTransactionResult</a> <a href="#">element</a> <a href="#">updateDownloadPackageContainerCapabilityResponse</a>	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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataTy e</a>	0..1	See <a href="#">CountResponseDataType</a> .

## 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	<a href="#">TransactionResult</a>	1..1	See <a href="#">TransactionResult</a> .
DownloadPackage	<a href="#">DownloadPackageIDType</a>	1..1	See <a href="#">DownloadPackageIDType</a> .
File	<a href="#">FileIDType</a>	1..1	See <a href="#">FileIDType</a> .

## 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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataTy e</a>	0..1	See <a href="#">CountResponseDataType</a> .


## 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: DownloadPackageInProductQueryResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageResult	<a href="#">DownloadPackageResult</a>	0..*	See <a href="#">DownloadPackageResult</a> .

## 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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">DownloadPackageInProductQueryResponseDataType</a>	0..1	See <a href="#">DownloadPackageInProductQueryResponseDataType</a> .

## 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 <b>DownloadPackageID</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the Download Package ID.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
DownloadPackageDescription	SimpleQueryType	0..1	A <b>Description</b> element contains: <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the description.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
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: <ul style="list-style-type: none"> <li>• ARCHIVE</li> <li>• CURRENT</li> <li>• FUTURE</li> </ul>

## Content Model

Component	Type	Occurs	Description
LastModifiedDateTime	<a href="#">DateTimeQueryType</a>	0..1	<p>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:</p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-09-13T15:00:34+02:00&lt;/value&gt;   &lt;searchType&gt;AFTER&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p>The <b>LastModifiedDateTime</b> includes a <b>value</b> and <b>searchType</b>:</p> <ul style="list-style-type: none"> <li><b>value</b>—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).</li> <li><b>searchType</b>—One of the following values: ON, AFTER, BEFORE.</li> </ul> <p>The date and time in the response are provided in Greenwich Mean Time (GMT).</p> <p><b>EXAMPLE</b> When a download package is created at 2022-08-11T07:10:39 - PST, it can be searched in following ways:</p> <p><b>Central European Time (CET)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T16:10:39+02:00&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p><b>Greenwich Mean Time (GMT)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T14:10:39.000Z&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p><b>Pacific Standard Time (PST)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T07:10:39&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p>Also, the following parameter should be set to true:</p>

## Content Model

Component	Type	Occurs	Description
			<ReturnContainedObjects>true</ReturnContainedObjects>

## 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	<a href="#">DownloadPackageResult</a>	0..*	See <a href="#">DownloadPackageResult</a>

## 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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">DownloadPackageQueryResponseDataType</a>	0..1	See <a href="#">DownloadPackageQueryResponseDataType</a> .



## 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	<a href="#">DownloadPackage</a>	0..1	See <a href="#">DownloadPackage</a> .
Product	<a href="#">ProductIDType</a>	0..*	See <a href="#">ProductIDType</a> .

## 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	<a href="#">DownloadPackageSortKey</a>	1..1	See <a href="#">DownloadPackageSortKey</a> .
Ascending	boolean	1..1	Indicates if the sort order 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	<a href="#">DownloadPackageSortBy</a>	1..1	See <a href="#">DownloadPackageSortBy</a> .


## 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	<a href="#">TransactionResult</a>	1..1	See <a href="#">TransactionResult</a> .
DownloadPackage	<a href="#">DownloadPackage</a>	1..1	See <a href="#">DownloadPackage</a> .

## 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.
ENCCCode	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
<a href="#">ExportComplianceClassification [type DownloadPackageContainerCapabilityResponse]</a>	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: <ul style="list-style-type: none"><li>• LOADED - The file has been loaded into the ESD system.</li><li>• NOT_LOADED - The file is not yet loaded into the ESD system.</li><li>• DELETED - The file that was previously load is now deleted.</li></ul>
AkamaiSyncIndicator	boolean	0..1	Not directly settable. Indicates whether or not file has been propagated to the Akamai network. This only applies customers who have purchased the Akamai option.
RestrictedIndicator	boolean	0..1	Not directly settable. Indicates 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	<a href="#">AttributeDescriptor</a>	0..*	See <a href="#">AttributeDescriptor</a> .
AlternateLanguage	<a href="#">FileAlternateLanguage</a>	0..*	See <a href="#">FileAlternateLanguage</a> .



## Content Model

Component	Type	Occurs	Description
LastModifiedDateTime	dateTime	0..1	<p>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:</p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-09-13T15:00:34+02:00&lt;/value&gt;   &lt;searchType&gt;AFTER&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p>The <b>LastModifiedDateTime</b> includes a <b>value</b> and <b>searchType</b>:</p> <ul style="list-style-type: none"> <li><b>value</b>—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).</li> <li><b>searchType</b>—One of the following values: ON, AFTER, BEFORE.</li> </ul> <p>The date and time in the response are provided in Greenwich Mean Time (GMT).</p> <p><b>EXAMPLE</b> When a download package is created at 2022-08-11T07:10:39 - PST, it can be searched in following ways:</p> <p><b>Central European Time (CET)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T16:10:39+02:00&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p><b>Greenwich Mean Time (GMT)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T14:10:39.000Z&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p><b>Pacific Standard Time (PST)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T07:10:39&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p>Also, the following parameter should be set to true:</p>

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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataTy e</a>	0..1	See <a href="#">CountResponseDataType</a> .

## 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	<a href="#">TransactionResult</a>	1..1	See <a href="#">TransactionResult</a> .
File	<a href="#">FileIDType</a>	1..1	See <a href="#">FileIDType</a> .


## 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	<p>A <b>FileID</b> element contains:</p> <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the file ID.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
Description	SimpleQueryType	0..1	<p>A <b>Description</b> element contains:</p> <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the description.</li><li>• <b>searchType</b>—one of the following simpleSearchType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>



## Content Model

Component	Type	Occurs	Description
FileName	SimpleQueryType	0..1	<p>A <b>FileName</b> element contains:</p> <ul style="list-style-type: none"> <li>• <b>value</b>—a string to match part or all of the file name.</li> <li>• <b>searchType</b>—one of the following simpleSearchType values: <ul style="list-style-type: none"> <li>• STARTS_WITH</li> <li>• CONTAINS</li> <li>• ENDS_WITH</li> <li>• EQUALS</li> </ul> </li> </ul>
FileStatus	<a href="#">FileStatusType</a>	0..1	See <a href="#">FileStatusType</a> .
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	<a href="#">DateTimeQueryType</a>	0..1	<p>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:</p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-09-13T15:00:34+02:00&lt;/value&gt;   &lt;searchType&gt;AFTER&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p>The <b>LastModifiedDateTime</b> includes a <b>value</b> and <b>searchType</b>:</p> <ul style="list-style-type: none"> <li><b>value</b>—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).</li> <li><b>searchType</b>—One of the following values: ON, AFTER, BEFORE.</li> </ul> <p>The date and time in the response are provided in Greenwich Mean Time (GMT).</p> <p><b>EXAMPLE</b> When a download package is created at 2022-08-11T07:10:39 - PST, it can be searched in following ways:</p> <p><b>Central European Time (CET)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T16:10:39+02:00&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p><b>Greenwich Mean Time (GMT)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T14:10:39.000Z&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p><b>Pacific Standard Time (PST)</b></p> <pre>&lt;LastModifiedDateTime&gt;   &lt;value&gt;2022-08-11T07:10:39&lt;/value&gt;   &lt;searchType&gt;ON&lt;/searchType&gt; &lt;/LastModifiedDateTime&gt;</pre> <p>Also, the following parameter should be set to true:</p>

## 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	<a href="#">FileResult</a>	0..*	See <a href="#">FileResult</a>

## 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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">FileQueryResponseDataType</a>	0..1	See <a href="#">FileQueryResponseDataType</a> .

## 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	<a href="#">File</a>	0..1	See <a href="#">File</a> .
DownloadPackageSortOrder	<a href="#">DownloadPackageSortOrderType</a>	0..*	See <a href="#">DownloadPackageSortOrderType</a> .

## 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	<a href="#">TransactionResult</a>	1..1	See <a href="#">TransactionResult</a> .
File	<a href="#">File</a>	1..1	See <a href="#">File</a> .

## 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	<a href="#">TransactionResult</a>	1..1	See <a href="#">TransactionResult</a> .
File	<a href="#">FileIDType</a>	1..1	See <a href="#">FileIDType</a> .



## 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: <ul style="list-style-type: none"><li>ACTIVE (default)</li><li>INACTIVE</li></ul> Inactive Manufacturers will not be displayed in the dropdowns when editing DownloadPackages.

### Referenced By

Name	Type
<a href="#">Manufacturer [type DownloadPackageContainerCapabilityResponse]</a>	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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">CountResponseDataTy e</a>	0..1	See <a href="#">CountResponseDataType</a> .

## 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	<p>A <b>ManufacturerID</b> element contains:</p> <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the manufacturer ID.</li><li>• <b>searchType</b>—one of the following SimpleQueryType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
Name	SimpleQueryType	0..1	<p>A <b>name</b> element contains:</p> <ul style="list-style-type: none"><li>• <b>value</b>—a string to match part or all of the manufacturer name.</li><li>• <b>searchType</b>—one of the following SimpleQueryType values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
Status	StatusType	0..1	<p>Returns one of the following:</p> <ul style="list-style-type: none"><li>• ACTIVE</li><li>• INACTIVE</li></ul>

## Complex Type: ManufacturerQueryResponseType

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Manufacturer	<a href="#">Manufacturer</a>	0..*	See <a href="#">Manufacturer</a> .

## 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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">ManufacturerQueryResponseDataType</a>	0..1	See <a href="#">ManufacturerQueryResponseDataType</a> .

## 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	<a href="#">TransactionResult</a>	1..1	See <a href="#">TransactionResult</a> .
Manufacturer	<a href="#">Manufacturer</a>	1..1	See <a href="#">Manufacturer</a> .

## 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: <ul style="list-style-type: none"><li>• <b>value</b>—string to match all or part of the Download Package description.</li><li>• <b>searchType</b>—one of the following search values:<ul style="list-style-type: none"><li>• STARTS_WITH</li><li>• CONTAINS</li><li>• ENDS_WITH</li><li>• EQUALS</li></ul></li></ul>
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 availability of the Download Packages. Valid values: <ul style="list-style-type: none"><li>• ARCHIVE</li><li>• CURRENT</li><li>• FUTURE</li></ul>

## 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	<a href="#">DownloadPackageResult</a>	0..*	See <a href="#">DownloadPackageResult</a> .



## 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	<a href="#">QueryResult</a>	1..1	See <a href="#">QueryResult</a> .
ResponseData	<a href="#">MultipleDownloadPackagesQueryResponseData Type</a>	0..1	See <a href="#">MultipleDownloadPackagesQueryResponseData Type</a> .

## 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	<a href="#">TransactionResult</a>	1..1	See <a href="#">TransactionResult</a> .
Product	<a href="#">ProductIDType</a>	1..1	See <a href="#">ProductIDType</a> .
DownloadPackage	<a href="#">DownloadPackageIDType</a>	1..1	See <a href="#">DownloadPackageIDType</a> .

## 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	<a href="#">TransactionResult</a>	1..1	See <a href="#">TransactionResult</a> .
Product	<a href="#">ProductIDType</a>	1..1	See <a href="#">ProductIDType</a> .
DownloadPackage	<a href="#">DownloadPackageIDType</a>	1..1	See <a href="#">DownloadPackageIDType</a> .

## 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	<a href="#">AttributeDescriptor</a>	0..*	See <a href="#">AttributeDescriptor</a> .
AlternateLanguage	<a href="#">ProductLineAlternateLanguage</a>	0..*	See <a href="#">ProductLineAlternateLanguage</a> .
Status	string	0..1	The status of the product line. Active Products are in use on the download site.

### Referenced By

Name	Type
<a href="#">ProductLine [type DownloadPackageContainerCapabilityResponse]</a>	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	<a href="#">QueryError</a>	0..*	See <a href="#">QueryError</a> .




## 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 submission.
TransactionStatus	TransactionStatusType	1..1	SUCCESS or FAILURE
ProcessedTime	dateTime	1..1	Timestamp of the transaction.
TransactionError	<a href="#">TransactionError</a>	0..*	See <a href="#">TransactionError</a> .

### Referenced By

Name	Type
<a href="#">TransactionResult</a> [type <a href="#">DownloadPackageContainerCapabilityTransactionResult</a> ]	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
<a href="#">DownloadPackageSortKey</a>
<a href="#">FileStatusType</a>
<a href="#">OpTypeType</a>

## 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: OpTokenType

Derived By

Restricting NMTOKEN

Enumeration

Value	Description
CREATE_OR_UPDATE	
CREATE_OR_IGNORE	

# Elements: DownloadPackagingService

## Elements

Name	Description
<a href="#">AlternateLanguage [type DownloadPackageContainerCapabilityResponse]</a>	See <a href="#">DownloadPackageAlternateLanguage</a> .
<a href="#">ArchiveDate [type DownloadPackageContainerCapabilityResponse]</a>	Archive date for the Download Package. Once this date has passed the Download Package /version will be archived. Users will still be able to download it if they have access through an overlap with their entitlement dates.
<a href="#">assignDownloadPackageToProduct</a>	
<a href="#">assignDownloadPackageToProductResponse</a>	
<a href="#">AttributeDescriptor [type DownloadPackageContainerCapabilityResponse]</a>	See <a href="#">AttributeDescriptor</a> .
<a href="#">ContainerDelivery [type DownloadPackageContainerCapabilityRequest]</a>	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.
<a href="#">ContainerDelivery [type DownloadPackageContainerCapabilityResponse]</a>	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.
<a href="#">createAgreement</a>	
<a href="#">createAgreementResponse</a>	
<a href="#">createDownloadPackageResponse</a>	
<a href="#">createManufacturer</a>	
<a href="#">createManufacturerResponse</a>	
<a href="#">Description [type DownloadPackageContainerCapabilityResponse]</a>	This is the full name relating to the Product ID. The description may include manufacturer name, version, operating system, encryption level, or language.
<a href="#">DownloadPackageContainerCapabilityRequest [element updateDownloadPackageContainerCapability]</a>	See, <a href="#">DownloadPackageContainerCapabilityRequest</a> .
<a href="#">DownloadPackageContainerCapabilityResponse [type DownloadPackageContainerCapabilityTransactionResult]</a>	
<a href="#">DownloadPackageContainerCapabilityTransactionResult [element updateDownloadPackageContainerCapabilityResponse]</a>	See, <a href="#">DownloadPackageContainerCapabilityTransactionResult</a> .
<a href="#">DownloadPackageID [type DownloadPackageContainerCapabilityRequest]</a>	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.
<a href="#">DownloadPackageID [type DownloadPackageContainerCapabilityResponse]</a>	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.



## Elements

Name	Description
<a href="#">DownloadPackageNote [type DownloadPackageContainerCapabilityResponse]</a>	Additional note/information for the Download Package.
<a href="#">EffectiveDate [type DownloadPackageContainerCapabilityResponse]</a>	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.
<a href="#">EndUserLicenseAgreement [type DownloadPackageContainerCapabilityResponse]</a>	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.
<a href="#">EvaluationEndUserLicenseAgreement [type DownloadPackageContainerCapabilityResponse]</a>	See <a href="#">Agreement</a> .
<a href="#">ExpirationDate [type DownloadPackageContainerCapabilityResponse]</a>	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.
<a href="#">ExportComplianceClassification [type DownloadPackageContainerCapabilityResponse]</a>	See, <a href="#">ExportComplianceClassification</a> .
<a href="#">ExtendedDescription [type DownloadPackageContainerCapabilityResponse]</a>	This is the Extended Description. Maximum of 1000 characters.
<a href="#">getAgreementCount</a>	
<a href="#">getAgreementCountResponse</a>	
<a href="#">getAgreementQuery</a>	
<a href="#">getAgreementQueryResponse</a>	
<a href="#">getDownloadPackageCount</a>	
<a href="#">getDownloadPackageCountResponse</a>	
<a href="#">getDownloadPackageInProductCount</a>	
<a href="#">getDownloadPackageInProductCountResponse</a>	
<a href="#">getDownloadPackageInProductQuery</a>	
<a href="#">getDownloadPackageInProductQueryResponse</a>	
<a href="#">getDownloadPackageQuery</a>	
<a href="#">getDownloadPackageQueryResponse</a>	
<a href="#">getManufacturerCount</a>	
<a href="#">getManufacturerCountResponse</a>	
<a href="#">getManufacturerQuery</a>	
<a href="#">getManufacturerQueryResponse</a>	

## Elements

Name	Description
<a href="#">getMultipleDownloadPackagesCount</a>	
<a href="#">getMultipleDownloadPackagesCountResponse</a>	
<a href="#">getMultipleDownloadPackagesQuery</a>	
<a href="#">getMultipleDownloadPackagesQueryResponse</a>	
<a href="#">Manufacturer [type DownloadPackageContainerCapabilityResponse]</a>	See <a href="#">Manufacturer</a> .
<a href="#">PhysicalDistributionAvailable [type DownloadPackageContainerCapabilityResponse]</a>	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.
<a href="#">ProductLine [type DownloadPackageContainerCapabilityResponse]</a>	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 is 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.
<a href="#">removeDownloadPackageFromProduct</a>	
<a href="#">removeDownloadPackageFromProductResponse</a>	
<a href="#">RestrictCode [type DownloadPackageContainerCapabilityResponse]</a>	Restrict Download Package functionality. Values are A=Allow, D=Deny, N=empty string (not currently restricted).
<a href="#">SortGroup [type DownloadPackageContainerCapabilityResponse]</a>	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 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.
<a href="#">TransactionResult [type DownloadPackageContainerCapabilityTransactionResult]</a>	
<a href="#">updateAgreement</a>	
<a href="#">updateAgreementResponse</a>	
<a href="#">updateDownloadPackage</a>	
<a href="#">updateDownloadPackageContainerCapability</a>	
<a href="#">updateDownloadPackageContainerCapabilityResponse</a>	

## Elements

Name	Description
<a href="#">updateDownloadPackageResponse</a>	
<a href="#">updateManufacturer</a>	
<a href="#">updateManufacturerResponse</a>	
<a href="#">Version [type DownloadPackageContainerCapabilityResponse]</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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 archived!. 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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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	<a href="#">ProductIDType</a>	1..1	See <a href="#">ProductIDType</a> .
DownloadPackage	<a href="#">DownloadPackageIDType</a>	1..1	See <a href="#">DownloadPackageIDType</a> .

### 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	<a href="#">ProductAssociationResult</a>	1..1	See <a href="#">ProductAssociationResult</a> .

### 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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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
<a href="#">DownloadPackageContainerCapabilityRequest</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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	<a href="#">Agreement</a>	1..1	See <a href="#">Agreement</a> .

### 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	
AgreementTransactionResult	<a href="#">AgreementTransactionResult</a>	1..1	See <a href="#">AgreementTransactionResult</a> .

### 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: createDownloadPackageResponse

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageTransactionResult	<a href="#">DownloadPackageTransactionResult</a>	1..1	See <a href="#">DownloadPackageTransactionResult</a> .

### 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>
  </DownloadPackageTransactionResult>
  <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>
      <ENCCCode>NON_RETAIL</ENCCCode>
      <CCATSCCode>Z123456</CCATSCCode>
    </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>
</createDownloadPackageResponse>
```

## 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	<a href="#">Manufacturer</a>	1..1	See <a href="#">Manufacturer</a> .
OpType	<a href="#">OpTypeType</a>	0..1	See <a href="#">OpTypeType</a> .

### 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	<a href="#">ManufacturerTransactionResult</a>	1..1	See <a href="#">ManufacturerTransactionResult</a> .

### 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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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	
<a href="#">DownloadPackageID</a>	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.
<a href="#">ContainerDelivery</a>	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
<a href="#">updateDownloadPackageContainerCapability</a>	Element
<a href="#">updateDownloadPackageContainerCapability</a>	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	
<a href="#">DownloadPackageID</a>	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.
<a href="#">Description</a>	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.
<a href="#">ContainerDelivery</a>	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.
<a href="#">Version</a>	string	0..1	This is the version of the Download Package. Maximum of 64 characters.
<a href="#">EffectiveDate</a>	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.
<a href="#">ExpirationDate</a>	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.
<a href="#">ArchiveDate</a>	date	0..1	Archive date for the Download Package. Once this date has passed the Download Package /version will be 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
<a href="#">SortGroup</a>	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 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.
<a href="#">ExtendedDescription</a>	string	0..1	This is the Extended Description. Maximum of 1000 characters.
<a href="#">ExportComplianceClassification</a>	<a href="#">ExportComplianceClassification</a>	0..1	See, <a href="#">ExportComplianceClassification</a> .
<a href="#">Manufacturer</a>	<a href="#">Manufacturer</a>	0..1	See <a href="#">Manufacturer</a> .
<a href="#">ProductLine</a>	<a href="#">ProductLine</a>	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 is 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.
<a href="#">EndUserLicenseAgreement</a>	<a href="#">Agreement</a>	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.
<a href="#">EvaluationEndUserLicenseAgreement</a>	<a href="#">Agreement</a>	0..1	See <a href="#">Agreement</a> .
<a href="#">DownloadPackageNote</a>	string	0..1	Additional note/information for the Download Package.
<a href="#">PhysicalDistributionAvailable</a>	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.
<a href="#">RestrictCode</a>	string	0..1	Restrict Download Package functionality. Values are A=Allow, D=Deny, N=empty string (not currently restricted).
<a href="#">AttributeDescriptor</a>	<a href="#">AttributeDescriptor</a>	0..*	See <a href="#">AttributeDescriptor</a> .
<a href="#">AlternateLanguage</a>	<a href="#">DownloadPackageAlternateLanguage</a>	0..*	See <a href="#">DownloadPackageAlternateLanguage</a> .

Referenced By

Name	Type
<a href="#">DownloadPackageContainerCapabilityTransactionResult</a>	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	
<a href="#">TransactionResult</a>	<a href="#">TransactionResult</a>	1..1	
<a href="#">DownloadPackageContainerCapabilityResponse</a>	<a href="#">DownloadPackageContainerCapabilityResponse</a>	1..1	

### Referenced By

Name	Type
<a href="#">updateDownloadPackageContainerCapabilityResponse</a>	Element
<a href="#">updateDownloadPackageContainerCapability</a>	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
<a href="#">DownloadPackageContainerCapabilityRequest</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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	<a href="#">AgreementQueryParameters</a>	0..1	See <a href="#">AgreementQueryParameters</a> .

### 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	<a href="#">AgreementCountResult</a>	0..1	See <a href="#">AgreementCountResult</a> .

### 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	<a href="#">AgreementQueryParameters</a>	0..1	See <a href="#">AgreementQueryParameters</a> .

### 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	<a href="#">AgreementQueryResults</a>	0..1	See <a href="#">AgreementQueryResults</a> .

### 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	<a href="#">DownloadPackageQueryParameters</a>	0..1	See <a href="#">DownloadPackageQueryParameters</a> .

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	<a href="#">DownloadPackageCountResult</a>	0..1	See <a href="#">DownloadPackageCountResult</a> .

### 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	<a href="#">DownloadPackageInProductQueryParameters</a>	0..1	See <a href="#">DownloadPackageInProductQueryParameters</a> .

### 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	<a href="#">DownloadPackageInProductCountResult</a>	0..1	See <a href="#">DownloadPackageInProductCountResult</a> .

### 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	<a href="#">DownloadPackageInProductQueryParameters</a>	1..1	See <a href="#">DownloadPackageInProductQueryParameters</a> .
PageNumber	integer	1..1	Required. Starts at 1. If the <b>getDownloadPackageInProductQuery</b> 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	<a href="#">DownloadPackageInProductQueryResults</a>	0..1	See <a href="#">DownloadPackageInProductQueryResults</a> .

### 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>
          </AlternateLanguage>
        </DownloadPackage>
      </DownloadPackageResult>
    </ResponseData>
  </DownloadPackageInProductQueryResults>
</getDownloadPackageInProductQueryResponse>
```

## 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	<a href="#">DownloadPackageQueryParameters</a>	1..1	See <a href="#">DownloadPackageQueryParameters</a> .
PageNumber	integer	1..1	Required. Starts at 1. Say the <b>getDownloadPackageQuery</b> 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	<a href="#">DownloadPackageQueryResults</a>	0..1	See <a href="#">DownloadPackageQueryResults</a> .

### 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	<a href="#">ManufacturerQueryParameters</a>	0..1	See <a href="#">ManufacturerQueryParameters</a> .

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	<a href="#">ManufacturerCountResult</a>	0..1	See <a href="#">ManufacturerCountResult</a> .

### 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	<a href="#">ManufacturerQueryParameters</a>	0..1	See <a href="#">ManufacturerQueryParameters</a> .

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	<a href="#">ManufacturerQueryResults</a>	0..1	See <a href="#">ManufacturerQueryResults</a> .

### 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>
      </Manufacturer>
    </ResponseData>
  </ManufacturerQueryResults>
</getManufacturerQueryResponse>
```

## 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	
MultipleDownloadPack agesQueryParameters	<a href="#">MultipleDownloadPackag esQueryParameters</a>	0..1	See <a href="#">MultipleDownloadPackagesQueryParameters</a> .

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	<a href="#">DownloadPackageCountResult</a>	0..1	See <a href="#">DownloadPackageCountResult</a> .

### 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	
MultipleDownloadPack agesQueryParameters	<a href="#">MultipleDownloadPackag esQueryParameters</a>	1..1	See <a href="#">MultipleDownloadPackagesQueryParameters</a> .
SortBys	<a href="#">DownloadPackageSortBy s</a>	1..1	See <a href="#">DownloadPackageSortBys</a> .
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 <b>pageNumber</b> to 2.
BatchSize	integer	1..1	Required. Maximum number of records to return in the response.
ReturnContainedObject s	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	
MultipleDownloadPack agesQueryResults	<a href="#">MultipleDownloadPackag esQueryResults</a>	0..1	See <a href="#">MultipleDownloadPackagesQueryResults</a> .

### 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>
  </DownloadPackage>
</DownloadPackageResult>
```



## 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 Reverera, FlexNet Publisher, FlexNet Publisher 2015, "Reverera" is the Manufacturer. Maximum of 100 characters.
Status	string	0..1	One of the following: <ul style="list-style-type: none"><li>ACTIVE (default)</li><li>INACTIVE</li></ul> Inactive Manufacturers will not be displayed in the dropdowns when editing DownloadPackages.

### Referenced By

Name	Type
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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 is 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	<a href="#">AttributeDescriptor</a>	0..*	See <a href="#">AttributeDescriptor</a> .
AlternateLanguage	<a href="#">ProductLineAlternateLanguage</a>	0..*	See <a href="#">ProductLineAlternateLanguage</a> .
Status	string	0..1	The status of the product line. Active Products are in use on the download site.

Referenced By

Name	Type
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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	<a href="#">ProductIDType</a>	1..1	See <a href="#">ProductIDType</a> .
DownloadPackage	<a href="#">DownloadPackageIDType</a>	1..1	See <a href="#">DownloadPackageIDType</a> .

### 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	
ProductDisassociationResult	<a href="#">ProductDisassociationResult</a>	1..1	See <a href="#">ProductDisassociationResult</a> .

### 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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	Complex Type

### Definition

[See DownloadPackageContainerCapabilityResponse](#)



## 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 group 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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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 submission.
TransactionStatus	TransactionStatusType	1..1	SUCCESS or FAILURE
ProcessedTime	dateTime	1..1	Timestamp of the transaction.
TransactionError	<a href="#">TransactionError</a>	0..*	See <a href="#">TransactionError</a> .

### Referenced By

Name	Type
<a href="#">DownloadPackageContainerCapabilityTransactionResult</a>	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	<a href="#">Agreement</a>	1..1	See <a href="#">Agreement</a> .
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	
AgreementTransactionResult	<a href="#">AgreementTransactionResult</a>	1..1	See <a href="#">AgreementTransactionResult</a> .

### 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	<a href="#">DownloadPackage</a>	1..1	See <a href="#">DownloadPackage</a> .

### 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>
      <ENCCCode>NON_RETAIL</ENCCCode>
      <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	
<a href="#">DownloadPackageContainerCapabilityRequest</a>	<a href="#">DownloadPackageContainerCapabilityRequest</a>	1..1	See, <a href="#">DownloadPackageContainerCapabilityRequest</a> .

Element: **updateDownloadPackageContainerCapabilityResponse**

Derived By

Restricting anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
<a href="#">DownloadPackageContainerCapabilityTransactionResult</a>	<a href="#">DownloadPackageContainerCapabilityTransactionResult</a>	1..1	See, <a href="#">DownloadPackageContainerCapabilityTransactionResult</a> .

## Element: updateDownloadPackageResponse

### Derived By

Restricting anyType

### Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
DownloadPackageTransactionResult	<a href="#">DownloadPackageTransactionResult</a>	1..1	See <a href="#">DownloadPackageTransactionResult</a> .

### 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>
        <ENCCCode>NON_RETAIL</ENCCCode>
        <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	<a href="#">Manufacturer</a>	1..1	See <a href="#">Manufacturer</a> .

### 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	<a href="#">ManufacturerTransactionResult</a>	1..1	See <a href="#">ManufacturerTransactionResult</a> .

### 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
<a href="#">DownloadPackageContainerCapabilityResponse</a>	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
<a href="#">getUsage</a>	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	<a href="#">StatusInfoType</a>	See <a href="#">StatusInfoType</a> .
usages	<a href="#">Usage</a>	See <a href="#">Usage</a> .

# Complex Types: UsageService

## Complex Types

Name
<a href="#">Period</a>
<a href="#">StatusInfoType</a>
<a href="#">Usage</a>




## 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: <ul style="list-style-type: none"><li>SUCCESS</li><li>FAILURE</li></ul>
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	<a href="#">Period</a>	1..1	See <a href="#">Period</a> .
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
<a href="#">GetUsageRequest</a>	
<a href="#">GetUsageResponse</a>	

## 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
<a href="#">getUsage</a>	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	<a href="#">StatusInfoType</a>	1..1	See <a href="#">StatusInfoType</a> .
usages	<a href="#">Usage</a>	1..*	See <a href="#">Usage</a> .

### Referenced By

Name	Type
<a href="#">getUsage</a>	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>
```



## 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:choice>
</xs:complexType>
```

```
<xs:element name="expirationDate" type="xs:date" minOccurs="0"/>
</xs:choice>
</xsd: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
<b>ALLOW_TERMINAL_SERVER</b>	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.
<b>BORROW_HOURS</b>	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.
<b>FLOAT_OK</b>	stringValue <i>server_hostid</i>	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.
<b>HOST_BASED</b>	integerValue	Applicable to counted licenses. Specify the number of host names that can be specified in INCLUDE statements in the end-user options file.
<b>INCLUDE_USE_SERVER</b>	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.
<b>ISSUER</b>	stringValue <i>issuer</i>	Issuer of the license.
<b>NOTICE</b>	stringValue <i>notice</i>	Notice string used to identify feature lines.

attributeName	Value Type	Description
<b>MAX_BORROW_INTERVAL</b>	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.
<b>OVERDRAFT_MAX</b>	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.
<b>PLATFORMS</b>	arrayValue <i>platform_key</i>	Specify each platform in a separate arrayValue element. See <b>Platform Key Names</b> table below. Usage is limited to the selected platforms. Expressed using the PLATFORMS license keyword.
<b>SERIAL_NUMBER</b>	stringValue <i>serial_number</i>	Serial number used to identify feature lines. The SN keyword is added to the license.
<b>USER_BASED</b>	integerValue	Applicable to counted licenses. Specify the number of users that can be specified in INCLUDE statements in the end-user options file.
<b>VENDOR_STRING</b>	stringValue <i>vendor_string</i>	Vendor string used to identify feature lines.
<b>VM_PLATFORMS</b>	stringValue <i>vm_platforms</i>	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
<b>alpha_l</b>	Dec Alpha, Linux < version 6.2
<b>alpha_n</b>	Dec Alpha, Windows/NT
<b>alpha_r</b>	Dec Alpha, Linux version 6.2 or later
<b>alpha_u</b>	Dec UNIX for Alpha
<b>alpha_v</b>	Dec Alpha, OpenVMS version 6.x
<b>amd64_s</b>	AMD 64-bit, SUSE Linux Enterprise Server
<b>hp700_u</b>	HP 9000/700, 800, HP-UX
<b>hp64_u</b>	HP 64-bit, HP-UX
<b>i86_b</b>	BSDI OS
<b>i86_d</b>	DG AViiON Pentium
<b>i86_f</b>	FreeBSD
<b>i86_g</b>	Intel x86, Linux with GNU libc
<b>i86_l</b>	Intel x86, Linux version 1, version 2

Platform Key	Platform Name
<b>i86_n</b>	Intel x86, Windows (all)
<b>i86_r</b>	Intel x86, Red Hat Linux version 6-version 9
<b>i86_re</b>	Intel x86, Red Hat Enterprise Linux
<b>i86_u</b>	Intel x86, Unixware
<b>i86_w</b>	Intel x86, Windows 16-bit
<b>i86_x</b>	Intel x86, Solaris
<b>i86_z</b>	Intel x86, Netware
<b>it32_hp</b>	Itanium 32-bit, HP-UX
<b>it64_hp</b>	Itanium 64-bit, HP-UX
<b>it64_lr</b>	Itanium 64-bit, Red Hat Linux version 7-version 9
<b>it64_n</b>	Itanium 64-bit, Windows
<b>java-0</b>	Java, Version
<b>nec_u</b>	NEC EWS OS
<b>ppc_mac</b>	Power PC, MacOS X
<b>ppc_u</b>	Power PC, AIX
<b>rm400_u</b>	Siemens Nixdorf RM400, Sinux
<b>rs6000_u</b>	IBM RS/6000, AIX
<b>rs64_u</b>	IBM RS/6000 64-bit
<b>sco_u</b>	SCO UNIX (intel)
<b>sgi32_u</b>	SGI 32-bit, IRIX 5, 6
<b>sgi64_u</b>	SGI 64-bit, IRIX 6
<b>sony_u</b>	Sony BSD OS V4
<b>sun4_u</b>	Sun Sparc 4, Solaris
<b>sun64_u</b>	Sun 64-bit, Solaris
<b>vax_v</b>	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.SOAPEException;
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
        SOAPEException {
        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 FLEXnetOpsErrorMessageCodes, 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 should 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 FLEXIm.
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	Invalid 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
<b>ANY</b>	Special FlexNet Publisher Licensing Toolkit host ID ANY. Allows the license to run on any machine.
<b>DEMO</b>	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.
<b>Ethernet</b>	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).
<b>TPM ID</b>	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.
<b>Long</b>	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).
<b>User</b>	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.
<b>Host Name</b>	This can a simple host name or a fully qualified DNS name. Host name: Enter as HOSTNAME=host_name.
<b>Display</b>	On Unix, this is the X display name. On Windows, it is the display adapter. Display name: Enter as DISPLAY=display_name.
<b>Routable IP Address</b>	<p>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.</p> <p>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).</p> <p><b>Note:</b> FlexNet Operations's IP address validation can be disabled in the Administrative Console's system configuration settings and in the VCG.</p>
<b>Routable IP Address with Wildcards</b>	<p>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.</p> <p>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</p> <ul style="list-style-type: none"> <li>• If w is less than or equal to 127, then x, y, and z can be wildcards.</li> <li>• If w is between 127 and 192, then only y and z can be wildcards.</li> <li>• If w is greater than or equal to 192, then only z can be a wildcard.</li> </ul> <p><b>Note:</b> FlexNet Operations's IP address validation can be disabled in the Administrative Console's system configuration settings and in the VCG.</p>

Hostid Type	Description
<b>FLEXid</b>	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.
<b>Composite</b>	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.
<b>Vendor Defined</b>	<p>Pass the vendor-defined host as VENDOR_DEFINED=&lt;vendor_defined_hostid&gt;, where &lt;vendor_defined_hostid&gt; is formed as &lt;name&gt;=&lt;string&gt;. Hence a vendor defined hostid takes the form of VENDOR_DEFINED=&lt;name&gt;=&lt;string&gt;.</p> <p>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</p> <p>VENDOR_DEFINED=TWVDH=2</p> <p>A vendor-defined hostid is returned the same way in a query response:</p> <pre> ... &lt;nodeIds&gt;   &lt;nodeId&gt;VENDOR_DEFINED=TWVDH=2&lt;/nodeId&gt; &lt;/nodeIds&gt; ... </pre> <p><b>Note:</b> If you specify a vendor-defined host ID, you must build your VCG to support your vendor-defined host ID type.</p> <p><b>Note:</b> You can use a completely new entity to validate the host. The host ID for this entity is defined in Operations as &lt;name&gt;=&lt;string&gt;, where &lt;name&gt; 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.</p>



Hostid Type	Description
<b>Virtualization-Aware</b>	<p>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_.</p> <ul style="list-style-type: none"><li>• Use the PHY_ prefix with ETHER, INTERNET, HOSTNAME, DISPLAY, USER, DISK_SERIAL_NUMBER, or FLEXID to restrict license operation to physical machines.</li><li>• 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.</li><li>• 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.</li><li>• 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.</li><li>• 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.</li></ul> <p><b>Note:</b> VMW_HOSTNAME, HPV_HOSTNAME, and LMB_HOSTNAME host IDs cannot contain wildcards (asterisks).</p> <p><b>Note:</b> When used with three-server redundancy, virtualization-aware host ID types for all servers in the triad must use the same prefix: PHY_, VM_, VMW_, HPV_, or LMB_.</p>
<b>Cloud-Specific</b>	<p>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:</p> <ul style="list-style-type: none"><li>• 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.</li><li>• 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.</li></ul>

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