

# FlexNet Operations 2021.08 LLM Release Notes

August 2021

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# Introduction

This Release Notes document summarizes the features, enhancements, and updates delivered with FlexNet Operations 2021.08 LLM delivered in August 2021. The document includes the following information:

- [Resources](#)
- [Features and Enhancements](#)
- [Resolved Issues](#)
- [Special Notes](#)
- [Legal Information](#)

## Resources

These resources are available for more information about FlexNet Operations and other Revenera products:

- [Revenera Resources](#)
- [Previous FlexNet Operations Release Notes](#)

## Revenera Resources

The following resources can help you stay up to date with FlexNet Operations news and product knowledge:

- In addition to providing case management, the [Revenera Community](#) site can help you quickly find answers to your questions by searching content from other customers, product experts, and thought leaders. You can also post questions on discussion forums for experts to answer. For each of Revenera's product solutions, you can access forums, blog posts, and knowledge base articles.
- You can find documentation for FlexNet Operations and all other Revenera products on the [Revenera Product Documentation](#) site.
- The [Revenera Learning Center](#) offers free, self-guided online videos to help you quickly get the most out of your Revenera products. You can find a complete list of these training videos in the Learning Center.
- For customers who have purchased a maintenance contract for their product(s), you can submit a support case or check the status of an existing case by making selections on the **Get Support** menu of the Revenera Community.

<https://community.revenera.com>

# Previous FlexNet Operations Release Notes

To access the release notes associated with previous FlexNet Operations LLM releases, perform either of the following:

- To view all release notes for the 2021 LLM releases, access this location:  
<https://docs.revenera.com/?product=FlexNet%20Operations%20LLM&version=CURRENT>
- To view the release notes associated with other previously released FlexNet Operations LLM versions, access the site referenced above and select the appropriate year from the **VERSION** list.

## Features and Enhancements

The following sections describe the new features and enhancements added to FlexNet Operations in 2021:

- [Features and Enhancements in 2021.08](#)
- [Features and Enhancements in 2021.06](#)
- [Features and Enhancements in 2021.02](#)
- [Features and Enhancements in 2021.01](#)

## Features and Enhancements in 2021.08

The following areas in FlexNet Operations contain new features and enhancements added in the 2021.08 release:

- [Reporting](#)

### Reporting

The following reporting enhancement was added in the 2021.08 release.

#### Reporter Upgrade

The legacy Reporter is now disabled. Users must use Reporter 4.2 (available through the **Reports (New)** menu option) to access their report data. The **Reports** menu option, previously used to access the legacy Reporter, will be removed from the Producer Portal in a future release. Until then, attempts to access the legacy Reporter through this option will result in an error message.

For more information, refer to the [FlexNet Operations Reporter 4.2 Overview](#) Knowledge Base article.

## Features and Enhancements in 2021.06

The following areas in FlexNet Operations contain new features and enhancements added in the 2021.06 release:

- [File Upload Enhancements in 2021.06](#)

## File Upload Enhancements in 2021.06

The following enhancement to the process of uploading files associated with products was added in the 2021.06 release.

### SHA2 Checksum Available for Uploading Files

Previously, when preparing to upload a file to be associated with a product, producers could provide the expected MD5 value on the **Upload File** page. This value was then compared with the MD5 of the uploaded file to ensure that the file had not changed during the upload.

Producers now have the option to provide the file's expected SHA2 checksum value when performing an upload. They can provide both the SHA2 and the MD5 values or one or the other value to ensure that the pre-uploaded file and uploaded file are the same. Note that this SHA checksum option is available only when performing an HTTP or FTP upload (from the **HTTP Upload** or **FTP Upload** tab, respectively).

## Features and Enhancements in 2021.02

The following areas in FlexNet Operations contain new features and enhancements added in the 2021.02 release:

- [Electronic Software Delivery Enhancements in 2021.02](#)

## Electronic Software Delivery Enhancements in 2021.02

The following enhancement for Electronic Software Delivery was added in 2021.02.

### New REST Interface to Provide a List of Downloadable Files Associated with a Product

This release provides a new set of REST APIs for Electronic Software Delivery (ESD). These APIs are intended for producers who want to enhance their end-user applications, such as customer portals, with functionality to display a list of product files available for downloading.

The following two APIs are now available:

- The **Product** API uses the customer Account information specified in the API call to retrieve a list of only those Products that the Account is entitled to.
- The **Files** API returns the list of files available for download for a given Product, including the URL location for the download. Compliance checking is performed as part of the API call fulfillment to ensure that the call retrieves only those files to which the customer Account (specified in the call) is entitled.

When used together, these two APIs enable the producer to implement a download capability similar to that available in the FlexNet Operations End-User Portal.

For more information about these APIs, see the LLM Swagger documentation at the following location:

<https://<tenantId>uat.flexnetoperations.com/esd/swagger-ui.html>

Replace <tenantId> with your tenant ID (for example, <https://snetuat.flexnetoperations.com/esd/swagger-ui.html>).

# Features and Enhancements in 2021.01

The following areas in FlexNet Operations contain new features and enhancements added in the 2021.01 release:

- [Email Notification System Enhancements in 2021.01](#)
- [Rebranding Enhancements in 2021.01](#)

## Email Notification System Enhancements in 2021.01

The following enhancement to the FlexNet Operations email notification system is available in this release.

### Merge Tags Added to Entitlement Allocation Email Template

The SKU\_UDF and EXPIRATION\_DATE merge tags are now available for use in the Entitlement Allocation email template. The SKU\_UDF merge tag identifies the user-defined value for the catalog item; the EXPIRATION\_DATE shows the expiration of the order line. The following example shows how these merge tags might be used in the template.

```
Thank you for your Order ID : [[ORDER_ID]]
Order Note: [[ORDER_NOTE]]

Account Details:
Account ID: [[TARGET_ACCT_ID]]
Account Name: [[TARGET_ACCT_NAME]]
Account Note: [[TARGET_ACCT_NOTE]]

Order Details:
[[FOR-EACH TAG="ORDERLINE"]]

Order Line Number : [[LINE_NUMBER]]
Allocated Qty: [[SPLIT_QUANTITY]]
Catalog Item ID: [[SKU]]
Catalog Item Description [[SKU_DESCRIPTION]]
[[IF TAG="SKU_UDF" CODE="TRIAL" VALUE="YES"]]
Thank you for ordering our trial catalog!
[[END IF]]
Activation code : [[FNP_ACTIVATION_CODE]]
Expiration: [[EXPIRATION_DATE]]

[[END FOR-EACH]]
```

## Rebranding Enhancements in 2021.01

In 2020, FlexNet Operations became a product of Revenera, a new division of Flexera Software. The process is currently underway to rebrand the product, user documentation, and related artifacts to display the new Revenera logo (replacing the “Flexera” logo) and to redirect links to the Revenera Community and other Revenera-related sites. The FlexNet Operations product name remains the same.

# Resolved Issues

The following sections describe the issues that have been resolved in the FlexNet Operations 2021 releases to date:

- [Issues Resolved in 2021.06](#)
- [Issues Resolved in 2021.05](#)
- [Issues Resolved in 2021.01](#)

## Issues Resolved in 2021.06

Issues in the following areas were resolved in the FlexNet Operations 2021.06 release:

- [Device Management Issues Resolved in 2021.06](#)

### Device Management Issues Resolved in 2021.06

The following issue was resolved for the management of devices in the 2021.06 release.

#### **Logged Entitlement Transactions for Device Transfers Now Showing Appropriate User**

When a user moves a device from one account to another, the transaction log entries for the entitlement transfers that occur as a result of the move now show the actual user who performed the move (identified by the user's email address in the **Submitted by** field). Previously, these entitlement transactions were attributed to an "anonymous..." user.

## Issues Resolved in 2021.05

Issues in the following areas were resolved in the FlexNet Operations 2021.05 release:

- [Electronic Software Delivery Issues Resolved in 2021.05](#)

### Electronic Software Delivery Issues Resolved in 2021.05

The following enhancement for Electronic Software Delivery (ESD) was added in 2021.05.

#### **“Not Loaded” Files in esdcache Now Removed Automatically**

If a file in esdcache has a Not Loaded status, it is now cleared from esdcache automatically. Previously users had to contact Revenera Support to have such a file removed.

# Issues Resolved in 2021.01

Issues in the following areas were resolved in the FlexNet Operations 2021.01 release:

- [License Management Issues Resolved in 2021.01](#)

## License Management Issues Resolved in 2021.01

The following issue involving licensing was resolved in 2021.01 release.

### Changes to Line Items Not Shown on License Server

Previously, in some cases when a line item was updated (such as extending an expiration date), the changes to the line item were not seen on the relevant license server. The situations causing this failure to update the license server have now been resolved.

## Known Issues

The following describes known issues in the current FlexNet Operations release.

### FNO-63626: UAT change for “Extended Description” field on “Create File” page in Electronic Software Delivery

In UAT in the 2021.06 release, the **Extended Description** field in the **Create File** page of Electronic Software Delivery now accepts up to 2000 characters. However, the field will continue to have its previous 1000-character maximum in Production. The maximum length for this field will return to 1000 characters in UAT in the 2021.07 release.

### SWM-7786: SHA2 Checksum Value of Previous File Shown

The following issue can be observed in the 2021.06 release, following the [SHA2 Checksum Available for Uploading Files](#) enhancement, where a file’s expected SHA2 checksum value can be provided when performing an upload. If a file image is subsequently deleted, and the **Upload File** page is opened again, the SHA2 checksum value of the previously loaded file image is shown.

## Special Notes

The following section contains special information pertaining to FlexNet Operations.

### Plug-in Upgrade Needed for High-Speed File Uploads

If you intend to use the high-speed upload option to upload files, upgrade the Aspera plug-in to Aspera Connect 3.10.0 or later.

## **Best Practice for Uploading New File Versions for Electronic Software Delivery**

The following practice helps to prevent the delivery of “stale” file content to your customers.

When you upload a new version of a file (or package) whose previous version exists in the Electronic Software Delivery system, best practice is to give the new file version a unique name, different from the name of the existing file version. (For example, use a version number in the file name.) Try to avoid simply uploading a file using same name as the existing file so that the existing file is overwritten. However, if you must upload the a new file using the same name as the existing file, delete the existing file and wait 10-15 minutes before uploading the new version. This process will reduce the probability of re-caching the old content.



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