



# Software Repository

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## Overview

You can use the tool as a software repository to manage and host your Operating System images (ISO), Firmware packages, Server Configuration Utility (SCU) packages, OS configuration files. You can sync these images with Intersight, to make them available on Intersight.

You can create new folders, upload or download files in the software repository. For more information, refer to the following sections:

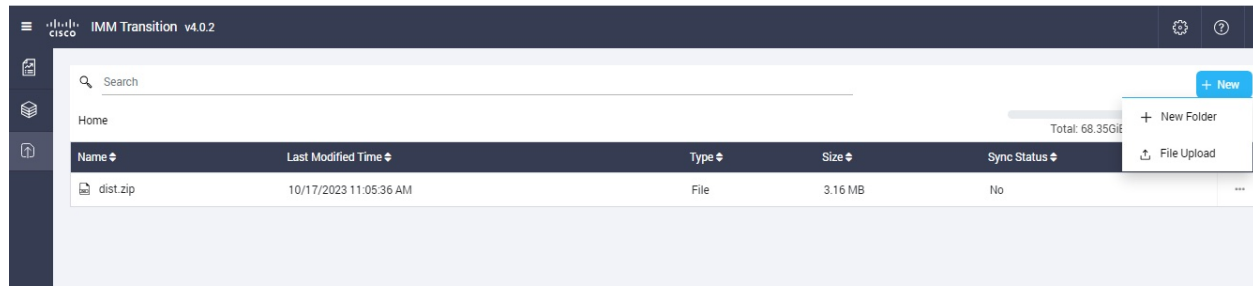
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## Creating Folders and Uploading Files

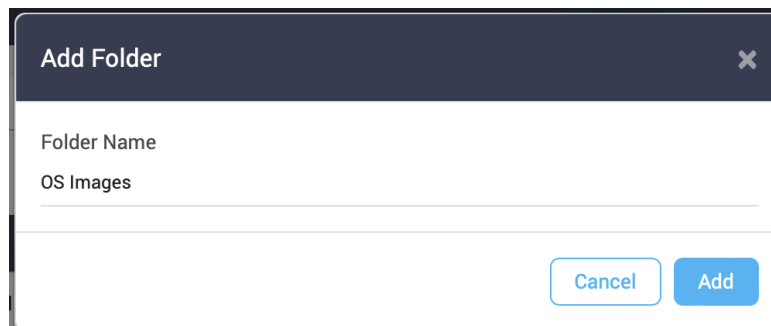
### Adding Folder

You can group the iso files as per the requirement and keep them in separate folders. New folders can be created in the Software Repository of the IMM Transition Tool as described below:

1. Navigate to **Software Repository**.
2. Click **New** as shown in the screenshot below:



3. Click **New Folder**.
4. Enter a name for the folder.



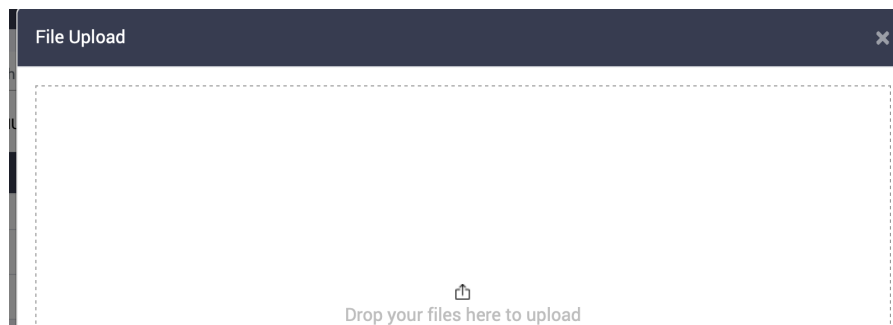
5. Click **Add**.  
New folder gets created.

### Uploading File

Perform the following steps to upload an iso file in the software repository.

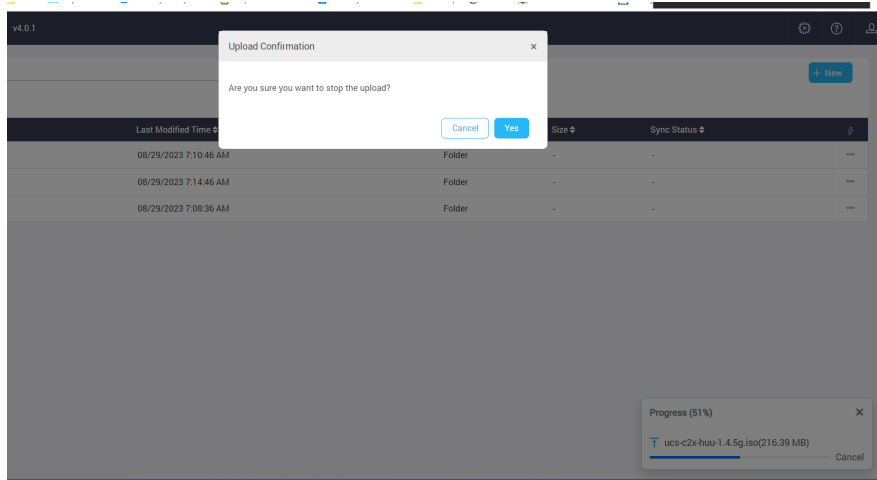
1. Navigate to **Software Repository**.
2. Click **New** as shown in the screenshot below:
3. Click **File Upload**.

File browse window appears.



4. Drop file from your local system.
5. Click **Upload**.

File gets uploaded to the software repository.



**Note** If you click **Cancel** in the Progress pop-up window, a confirmation dialog box appears. Click **Yes** to cancel the file **Upload** operation.

## Managing Folders

The listing page on the **Software Repository** tab displays the list of folders and files that do not belong to any folder. You can manage the folders by renaming, moving, or deleting folder.

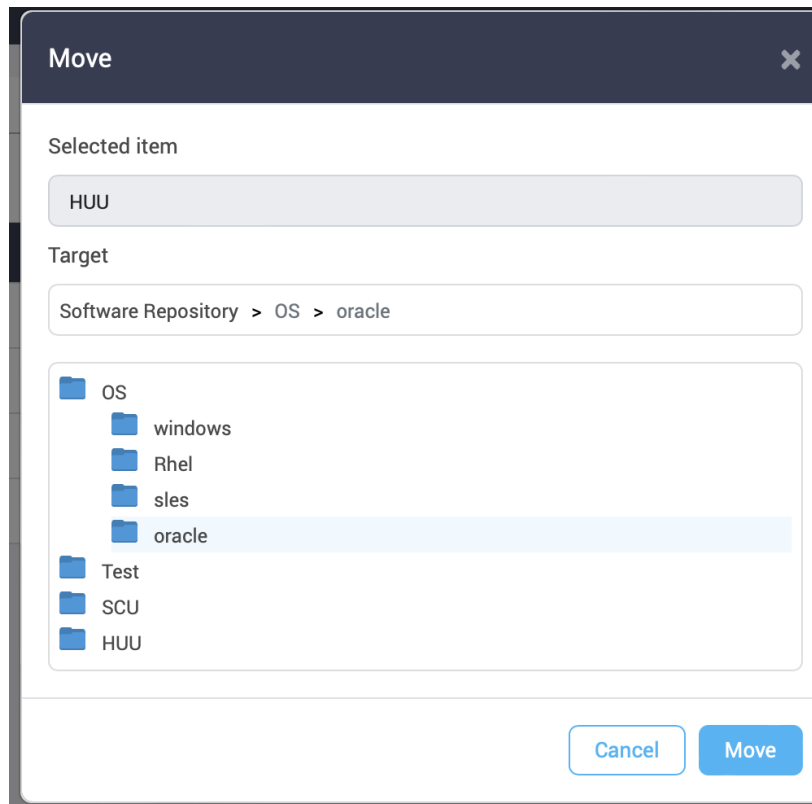
You can perform the following actions to manage the folders from the **Software Repository** listing page:

- Click **...** present besides the folder row that you want to manage.

Name ↕	Last Modified Time ↕	Type ↕	Size ↕	Sync Status ↕	
OS	08/21/2023 5:27:03 PM	Folder	-	-	
Test	08/22/2023 12:37:21 PM	Folder	-	-	Rename
SCU	08/22/2023 1:48:51 PM	Folder	-	-	Move
					Delete

- Click **Rename** if you want to rename the folder.
  1. A pop-up window appears.
  2. Enter the new name for the folder.
  3. Click **Save**.
- Click **Move** if you want to move the folder inside some other folder.
  1. A pop-up window appears.

2. Click on the folder into which the current folder needs to be moved.



3. Click **Move**.

- Click **Delete** if you want to delete the folder from the repository.

**Note**

- When a folder is renamed, any external link to the files in this folder will need to be updated.
- When a folder is moved or deleted:
  - Any external link to the files in this folder will need to be updated.
  - **Sync to Intersight** action will be disabled for all the files in this folder.
  - All the calculated checksums of files in this folder will be lost.

## Managing Files

The uploaded iso file in the software repository can be viewed on the listing page if it does not belong to any specific folder or inside the specific folder into which it has been uploaded.

Perform the following steps to manage the files in the software repository.

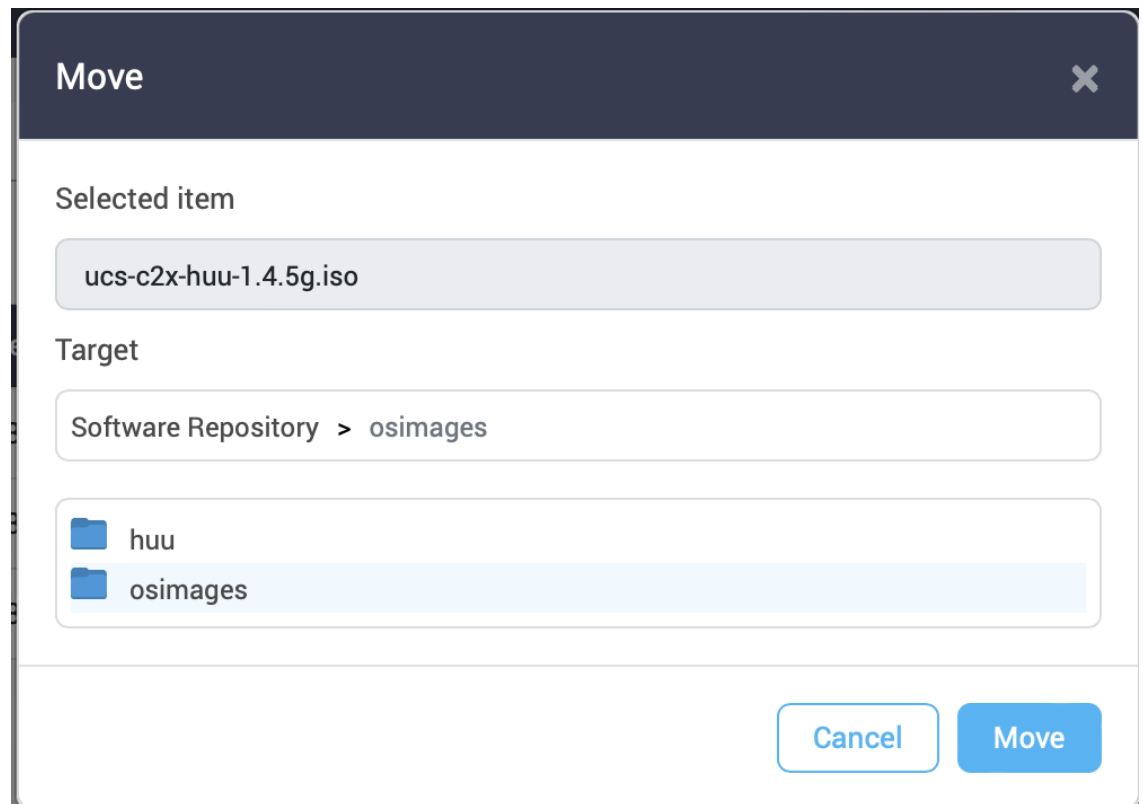
1. Navigate to the folder where the file is present.
2. Click ... present at the end of the file record that you want to manage.

**For renaming a file:**

- 1. Click **Rename**.  
A pop-up window appears.
- 2. Enter the new name for the file.
- 3. Click **Save**.

**For moving a file:**

- 1. Click **Move**.  
A pop-up window appears.
- 2. Click on the folder into which the file needs to be moved.



3. Click **Move**.

**For deleting a file:**

- Click **Delete**.

**For sharing the file location with another tool:**

- 1. Click **Share Link**.

A pop-up window appears

- 2. Click **Copy**.

The file location gets copied to the clipboard and can be used as required.

**For calculating the checksum of the file:**

- 1. Click **Checksum**.

File Checksums pop-up window appears.

- 2. Click **Calculate Checksums**.

The checksum value gets displayed.

### File Checksums ×

**File Name :** ucs-c2x-huu-1.4.5g.iso

**md5**

0fdd365fa8553034b217e328cb2d337a Copy

**sha1**

0247c97c0bce3746e7eb8cca66be3a0ab3ec0299 Copy

**sha256**

f1acedf649bc654e20d8844fef5c84d7662589b02199982a14846beff2 Copy

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Calculate Checksums

**For syncing the file to Intersight:**

- Click **Sync to Intersight**.

For more information, see [Syncing File to Intersight](#).



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- Note**
- When a file is renamed, any external link to the file will need to be updated.
  - When a file is moved or deleted:
    - Any external link to the file will need to be updated.
    - **Sync to Intersight** action will be disabled for such a file.
    - All the calculated checksums of the file will be lost.
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**For creating a vMedia Policy:**

- Click **Create vMedia Policy**.

For more information, see [Creating vMedia Policy](#).

**For downloading the file:**

- Click **Download**.

The file gets downloaded to your computer from the Software Repository automatically.

## Syncing File to Intersight

Any uploaded iso file in the software repository of the IMM Transition Tool can be synced to Intersight software repository by performing the following steps.

1. Navigate to the folder where the file is present.
2. Click ... present at the end of the file record that you want to sync.
3. Click **Sync to Intersight**.  
A pop-up window appears.
4. Select the Intersight Device from the list of available devices.



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- Note** It is recommended to click **Fetch OS/Firmware data** periodically. This ensures that all the latest OS and Firmware data are fetched from the Intersight account.
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5. Select the Organization in which to store the Software Repository Link.
6. Select the Image type for the file manually if the auto-selected value is wrong, or if the tool is not able to auto-detect the file type.
7. Set or change the details for the OS image if the auto-selected value is wrong, or if the tool is not able to auto-detect the file type.
8. Click **Submit**.

The image gets synced to Intersight and appears in the **Firmware Links**, **OS Image Links**, **SCU Links**, or **OS Configuration Files** tab of **System > Software Repository** on the Intersight GUI.



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**Note** Every time a file/folder is moved, the Software Repository link does not get automatically updated. You will have to manually remove the link and perform a **Sync to Intersight** again.

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## Creating vMedia Policy

You can create an Intersight vMedia Policy from a hosted ISO file in the Software Repository:

To create a vMedia Policy:

1. Navigate to the **Software Repository** page.
2. Click ... next to the ISO file that you want to use to create the vMedia policy, and then choose **Create vMedia Policy** from the drop-down list.

The **Create vMedia Policy** dialog box appears.

3. Select the Intersight Device from the list of available devices.

**Note:** It is recommended to click **Fetch OS/Firmware data** periodically. This ensures that all the latest OS and Firmware data are fetched from the Intersight account.

4. Select the Organization in which to store the Software Repository Link.
5. Enter a name for the policy.
6. [Optional] Enter a short description for the policy.
7. [Optional] Enter a tag in the key value format.
8. Turn on the **Enable Low Power USB** button to show the virtual drives on the boot selection menu after mapping the image and rebooting the host. This property is enabled by default.
9. Turn on the **Enable Virtual Encryption** button to enable encryption of the virtual media communications. This property is disabled by default.
10. By default, the vMedia mount name is set to the name of the ISO file used to create the vMedia Policy. You can modify the name if you want to.
11. Click **Submit**.