



## Manage Software Images

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## About Software Image Management

DNA Center stores all of the software images and software image updates (SMUs) for the devices in your network. Software Image Management provides the following functions:

- **Repository**—DNA Center stores all unique software images according to image type and version. You can view, import, and delete software images.
- **Provision**—You can push software images to the devices in your network.

## Viewing Software Images

After you run discovery or manually add devices, DNA Center automatically stores all of the software images and software image updates (SMUs) for the devices.

### Procedure

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- Step 1** Choose **Design > Image Management** or select **Image Management** from the DNA Center home page. The software images are displayed according to device type.
  - Step 2** In the **Image Name** column, click the downward arrow to view all the software images for the specified device type family. After you select an image type, the **Using Image** field updates to indicate how many devices are using the image you specified.
  - Step 3** In the **Version** column, click the **SMU** box to view a list of SMUs versions used.
  - Step 4** Click the star in the **Mark Golden** column to indicate this is a "golden" software image. See [About Golden Software Images](#), on page 2 for more information.
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## Import Software Images

You can import a software image from your local computer or from a URL.

### Procedure

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- Step 1** Choose **Design > Image Management** or select **Image Management** from the DNA Center home page.
  - Step 2** Click **Import Image/SMU**.
  - Step 3** Select **Choose File** to navigate to a software image stored locally or enter a URL from where to import the software image.
  - Step 4** Click on the star next to **Make Golden** to indicate this is a "golden" software image.
  - Step 5** Click **Import**. A window appears showing the progress of the import.
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## About Golden Software Images

DNA Center allows you to designate software images and software image updates (SMUs) as *golden*. A golden software image or SMU is an ideal image for a particular device type. Designating a software image or SMU as golden saves you time by eliminating the need to make repetitive configuration changes and ensures consistency across your devices. You can designate both an image and a corresponding SMU as golden to create a standardized image.

You cannot mark a SMU as golden unless the image to which it corresponds is also marked golden.

## Provision Software Images

You can push software images to the devices in your network.

## Procedure

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- Step 1** Choose **Provision**, then select the device whose image you want to upgrade.
  - Step 2** From the Select Devices pulldown menu, click **Update OS Image**.
  - Step 3** Click **Update**, then click **OK** to acknowledge that the device will reload after the image is upgrade.
  - Step 4** To view the progress of the image upgrade, you can open a console session to the device.
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