



# Firmware Profiles

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This chapter contains the following topics:

- [Firmware Management Menu](#), page 1

## Firmware Management Menu

Firmware images may either be uploaded from a local or a network server. The profile name must be unique across both local and network image profiles

Cisco delivers firmware updates in a single bundle to upgrade all Cisco IMC Supervisor components. Firmware updates can be downloaded from [cisco.com](#). You cannot upgrade if a server is not managed in Cisco IMC Supervisor. For downloading the E-Series firmware images you must associate a contract access to the [cisco.com](#) account.

## Adding Images to a Local Server

Perform this procedure when you want to add a firmware image from your local machine.

### Procedure

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- Step 1** Choose **Systems > Firmware Management**.
- Step 2** Click **Images - Local** tab and click + to add an image.
- Step 3** On the **Add Firmware Image - Local** screen, complete the following:

Field	Description
Profile Name field	Enter a descriptive and unique profile name.

Field	Description
<b>Proxy Configuration</b> check box	(Optional) This check box picks up the proxy configuration details you have set. <b>Note</b> The Cisco.com user credentials and proxy configuration details that you have already configured are automatically picked up. For setting up Cisco.com credentials, see <a href="#">Configuring Cisco.com User</a> and for setting up proxy configuration, see <a href="#">Configuring Proxy</a> .
<b>Platform</b> drop-down list	Choose a platform from the drop-down list. Only platforms that manage at least one server is listed here.
<b>Available Image</b> drop-down list	Choose the .iso image from the drop-down list.
<b>Download Now</b> check box	Check this check box to download the .iso image immediately after adding a profile. If not, you can click on <b>Download Image</b> to download the image later.
<b>Accept License Agreement</b>	Check this check box to accept the license agreement. Click on the Terms and Conditions link to read the End User License Agreement. <b>Note</b> You cannot create a firmware profile without accepting the license agreement even if you want to download the image later.

**Step 4** Click **Submit**.**Note**

- You can view profile configuration details, modify the firmware image details, and delete the image profile. You can also select multiple profiles concurrently and delete them.
- Cisco IMC Supervisor appliance should be able to remotely map to these images.
- You can select an image from the **Images-Local** window and download the image from cisco.com. For firmware profiles that require images to be downloaded, you can defer and initiate the download process later using the **Download Image** option. You can also delete an image downloaded from cisco.com using the **Delete Image** option.

## Uploading Images from a Local File System

Perform this procedure to upload iso images from your local file system to the Cisco IMC Supervisor system.

## Procedure

**Step 1** Choose **Systems > Firmware Management**.

**Step 2** From the **More Actions** drop-down list, choose **Upload** to add an image.

**Step 3** On the **Upload Firmware Image - Local** screen, complete the following:

Field	Description
<b>Profile Name</b> field	Enter a descriptive and unique profile name.
<b>Platform</b> drop-down list	Select the C-Series or E-Series platform.
<b>File</b> field	Select a file and drop it in this field or click <b>Select a File</b> to upload on your local file system.

**Step 4** Click **Submit**.

**Note**

- You can view profile configuration details, modify the firmware image details, and delete the image profile. You can also select multiple profiles concurrently and delete them.
- The **Delete Profile** option removes the image associated with the profile. If you uploaded a wrong image or if a file is no longer associated with a profile, a purge system task which runs periodically (once a month) will delete the files from the Cisco IMC Supervisor appliance.

## Adding Images from a Network Server

Perform this procedure to add firmware images from a network server by providing the profile name, remote IP, remote filename and so on.

## Procedure

**Step 1** Choose **Systems > Firmware Management**.

**Step 2** On the Firmware Management page, click **Images - Network** and click + to add an image.

**Step 3** On the **Add Firmware Image - Network** screen, complete the following:

Field	Description
<b>Profile Name</b> field	A descriptive and unique name for the profile. The profile name must be unique.
<b>Platform</b> drop-down list	Choose a platform from the drop-down list. Only platforms that manage at least one server are listed here.
<b>Server Type</b> drop-down list	Choose either Network File System (NFS), Common Internet File System (CIFS) or HTTP/S server types.

Field	Description
<b>Remote IP</b> field (only for NFS and CIFS server types)	Enter remote IP address.
<b>Remote Share</b> field (only for NFS and CIFS server types)	Enter remote share path.
<b>Remote File Name</b> field (only for NFS and CIFS server types)	Enter a remote filename. <b>Note</b> The remote filename is the Host Upgrade Utility ISO file.
<b>Location Link</b> field (only for HTTP server type)	Enter a valid http/https URL link for the image location.
<b>User Name</b> field	Enter a network path user name.
<b>Password</b> field	Enter a network path password.
<b>Mount Options</b> drop-down list (only for CIFS server type)	Select valid mount options from the <b>Mount Options</b> drop-down list. <b>Note</b> You can select a mount option for servers that are running Cisco IMC version 2.0(8) and later.

**Step 4** Click **Submit**.

- Note**
- You can view profile configuration details, modify the firmware image details, and delete the image profile. You can also select multiple profiles concurrently and delete them.
  - Cisco IMC Supervisor appliance should be able to remotely map to these images.

## Upgrading Firmware

### Before You Begin

If you are upgrading to Cisco IMC version 2.0(x), you must change the default Cisco IMC password.

**Note**

Cisco does not recommend upgrading both servers, that are part of a single Cisco UCS S3260 Dense Storage Rack Server chassis, simultaneously.

Before upgrading Cisco IMC Supervisor and if a firmware profile was already set up, ensure that the CCO credentials and proxy details are configured. See [Configuring Cisco.com User](#) and [Configuring Proxy](#).

## Procedure

**Step 1** Choose **Systems > Firmware Management**.

**Step 2** On the Firmware Management page, click **Firmware Upgrades**.

**Step 3** Click **Run Upgrade**.

A warning message appears, advising you that running the upgrade on the selected servers will cause the host to reboot into the firmware update tool. On completion of the firmware update, the servers will reboot back to the host OS.

**Step 4** Click **OK** to confirm.

**Step 5** On the **Upgrade Firmware** screen complete the following:

Field	Description
<b>Select Profile</b> drop-down list	Choose a profile from the drop-down list.
<b>Platform</b>	You can view details such as server platform, firmware image version, and path for the selected firmware profile.
<b>Image Version</b>	
<b>Image Path</b>	
<b>Server(s)</b> button	Click <b>Select</b> and choose the servers from the list. The list displays only those servers whose platforms match the one configured in the selected profile.
<b>Schedule later</b> check box	Check this check box and select an existing schedule to run an upgrade. You can also click on the + icon to create a new schedule. For more information on creating schedules, see <a href="#">Creating Schedules</a> . You can go to <b>Policies &gt; Manage Schedules</b> , select a schedule, and click <b>View Scheduled Tasks</b> to verify the scheduled task and its progress. You can also select a scheduled task and click <b>Remove Scheduled Tasks</b> to remove the associated scheduled task.

**Step 6** Click **Submit**.

**Note** You can also view firmware upgrade details and delete the status records for the specified upgrade operation.

