



# Upgrade UCS Infrastructure Firmware

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## Upgrading UCS Infrastructure Firmware Workflow

Upgrade Type	Procedure
HyperFlex Clusters	See the workflow below.
HyperFlex Edge Upgrade Clusters	<a href="#">HyperFlex Edge Upgrade</a>
HyperFlex Stretched Clusters	<a href="#">Stretched Cluster Upgrade</a>
Split Upgrade Procedures	<a href="#">HyperFlex Offline Upgrade Workflow</a>

Perform the following tasks to upgrade UCS Infra Firmware:

- Review [Prerequisites for Upgrading HyperFlex Software](#) before beginning upgrade.
- Log into the UCSM Fabric Interconnect cluster IP address.
- Upload the appropriate Infra, B-Series, and C-Series bundles to the Fabric Interconnect.

## Guidelines and Limitations

Consider the following before performing the UCS Infra Firmware upgrade:

- Ensure that the hx-storage-data and vMotion upstream switches are configured for **Jumbo Frames** before proceeding forward, otherwise the HyperFlex Cluster could suffer a network and storage outage during the upgrade window.
- You will lose connectivity to UCS Manager throughout the entire UCS infrastructure firmware upgrade. This is normal behavior.
- Verify that the Data path is ready. For more information, see the [Verification that the Data Path is Ready](#) section in the Cisco UCS Manager Firmware Management Guide..

# Upgrade UCS Infrastructure Firmware

## Before you begin

Download the Infra, B-Series, and C-Series Fabric Interconnect upgrade bundles. For details, see [Downloading Software](#).

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- Step 1** Log on to UCS Manager to the Fabric Interconnect cluster IP address using admin privileges.
- Step 2** Navigate to **Equipment > Firmware Management > Installed Firmware**.
- Step 3** Expand **UCS Manager** and confirm the UCS Manager running version.
- Step 4** Navigate to **Download Tasks > Download Firmware**.
- Step 5** Browse to your saved Fabric Interconnect bundles and select the Infra A, B-Series, and C-Series bundles you previously saved click **Open** and **OK**.
- Step 6** Once the files have transferred, click on **Firmware Auto Install** and then **Install Infrastructure Firmware** under **Actions**.
- Note** Review carefully all warnings and resolve any issues if required before proceeding.
- Step 7** Once any issues are resolved (if any) select **Ignore All** and click **Next**.
- Step 8** Select the appropriate **Infra Pack** from the drop-down and check **Upgrade Now** and click **Finish**.
- Note** You can click **Yes** to disregard the warning for the Service Pack not being selected.
- Step 9** Click on the **FSM** tab to follow the upgrade progress. The upgrade takes some time to proceed.
- Step 10** Click on the **Pending Activities** tab at the top and then **Fabric Interconnects** to verify that the data path is successfully restored from the Secondary Fabric Interconnect before you acknowledge the reboot of the Primary Fabric Interconnect.
- Step 11** Click **Reboot Now** and then click **Yes** and **OK**.
- Note** During the course of the upgrade process, you will be logged out of the Fabric Interconnect UI. Log back into view the upgrade progress.
- Step 12** Once the Upgrade process is completed, view the updated versions on the **Installed Firmware** tab.
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