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CISCO IEC6400 Edge Compute Appliance UCS Firmware Upgrade

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Contents

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Overview of the Cisco IEC6400 Firmware Upgrade

This guide describes how to upgrade the Cisco Integrated Management Controller (CIMC) and BIOS components of Cisco IEC6400 using the Host Upgrade Utility (HUU) software.
Note The HUU software file does not update the IEC6400 gateway software.

HUU File Details
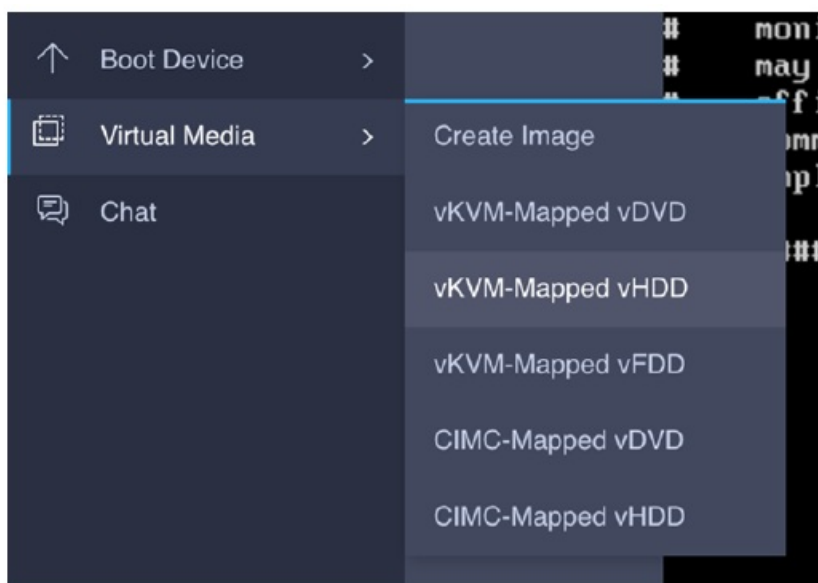The IEC6400-HUU-4.2.3j.img file contains the following modules:

Component	Version
CIMC	4.2(3j)
BIOS	4.3.2e.0

Upgrading the CIMC and BIOS Versions of IEC6400
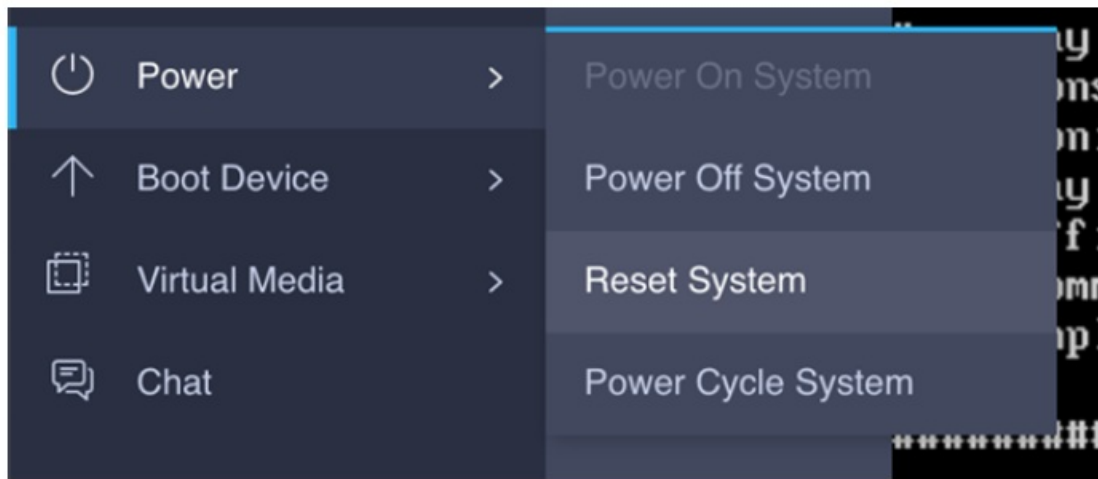
Before you begin
Ensure that you power off the IEC6400 gateway before performing this firmware upgrade.

- Step 1 Log into the CIMC web application using your credentials.
- Step 2 On the CIMC web application home page, click Launch vKVM to open Cisco vKVM console.
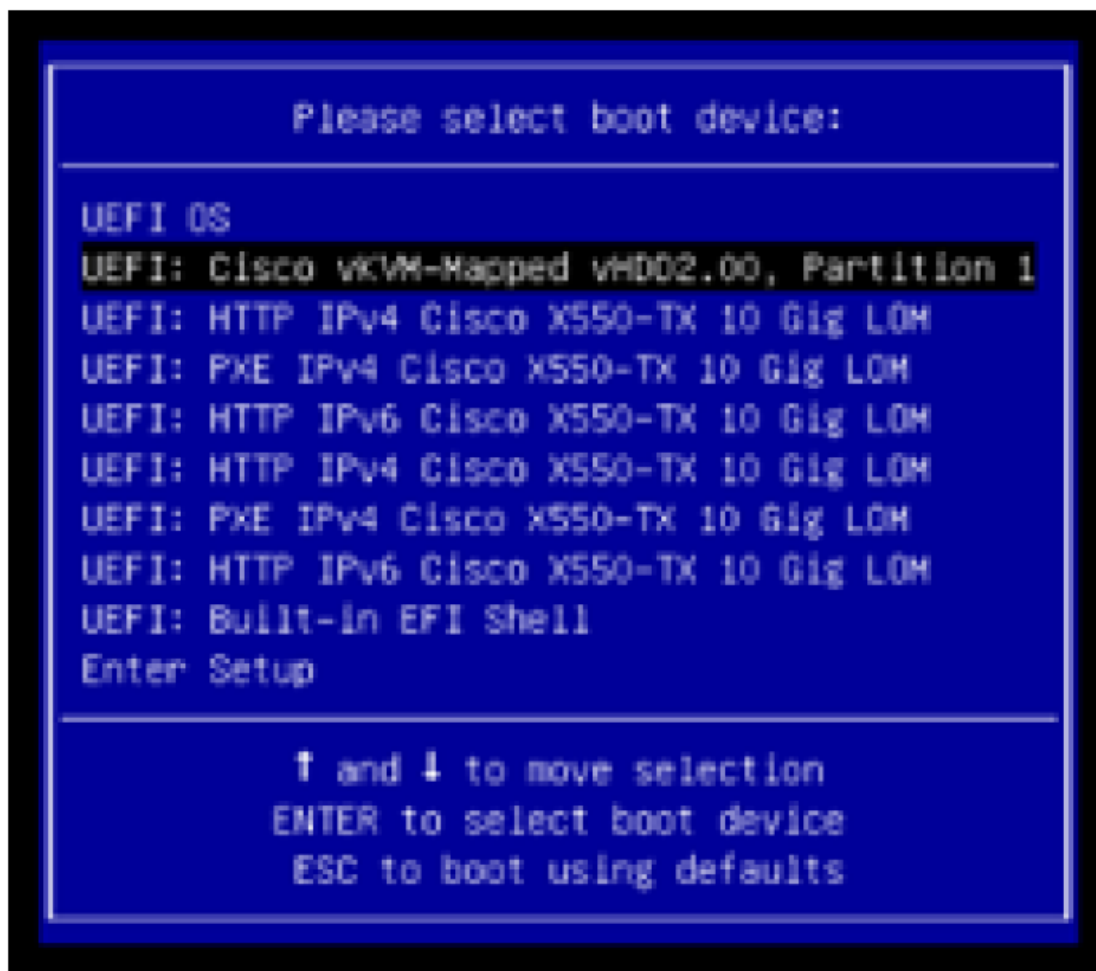- Step 3 Choose Virtual Media > vKVM-Mapped vHDD.

The **Map Virtual Media - Removable Disk** window appears.

- Step 4 Click Browse and choose the IEC6400-HUU-4.2.3j.img HUU image file to connect it.
- Step 5 Click Map Drive.
- Step 6 Choose Power > Reset System, to reset the device.

- Step 7 From the BIOS prompt, press F6 to enter the boot menu.
- Step 8 In the boot device menu window, choose UEFI: Cisco vKVM-Mapped vHDD2.00, Partition 1, and press Enter to boot the image.

The HUU upgrade process checks the current versions of CIMC and BIOS. If the device prompts you to upgrade, enter y from the keyboard to begin the upgrade process.

- Step 9 Once the upgrade is complete, press Enter to activate the new versions of CIMC and BIOS and to reset the device.

```
Discovering components...
This package will perform the following upgrades:
BIOS : C220M6.4.2.3a.0.1029220536 -> C220M6.4.3.2e.0.1130231848
CIMC : 4.2(3b) -> 4.2(3j)
Proceed with the update?
Response: y
Proceeding with the update...

Update started... DO NOT REBOOT OR POWER OFF THE HOST!

Update process completed. Status: {'ExtendedMessages': {'BIOS': ['Firmware copied successfully.', 'CIMC update is in progress.',
 'Update triggered successfully.', 'Validating Image', 'Writing Image', 'Firmware updated successfully.'], 'CIMC': ['Copying fil
es is in-progress.', 'Firmware update triggered successfully.', 'Updating firmware - 45%', 'Firmware updated successfully - 100%
']}, 'PercentComplete': '100', 'TaskState': 'Completed', 'EndTime': '2022-01-01 02:05:35.133000', 'Name': 'Update', 'Id': '1', '
Messages': {'BIOS': 'Firmware Update Successful', 'CIMC': 'Firmware Update Successful'}, 'StartTime': '2022-01-01 02:00:24.11825
9'}
Press [Enter] to activate firmwares and reboot
```

Note You must remain connected until the process completes.

Verifying the CIMC and BIOS Versions of IEC6400

- Step 1 Log into the CIMC web application using your credentials.
- Step 2 Click on the left corner.
- Step 3 Choose Admin > Firmware management to display the current versions of the CIMC and BIOS.

Documents / Resources

[CISCO IEC6400 Edge Compute Appliance UCS Firmware Upgrade](#) [pdf] User Guide
IEC6400 Edge Compute Appliance UCS Firmware Upgrade, Edge Compute Appliance UCS Firmware Upgrade, Appliance UCS Firmware Upgrade, UCS Firmware Upgrade, Firmware Upgrade, Upgrade

References

- **[User Manual](#)**