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IEC6400 Edge Compute
Appliance UCS Firmware

CISCO IEC6400 Edge Compute Appliance UCS Firmware User Guide

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-4.2.3l.img file contains the following modules:

Component	Version
CIMC	4.2(3l)
BIOS	4.3.2f.0

**Upgrade the CIMC and BIOS versions of IEC6400**
Ensure that you power on 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.
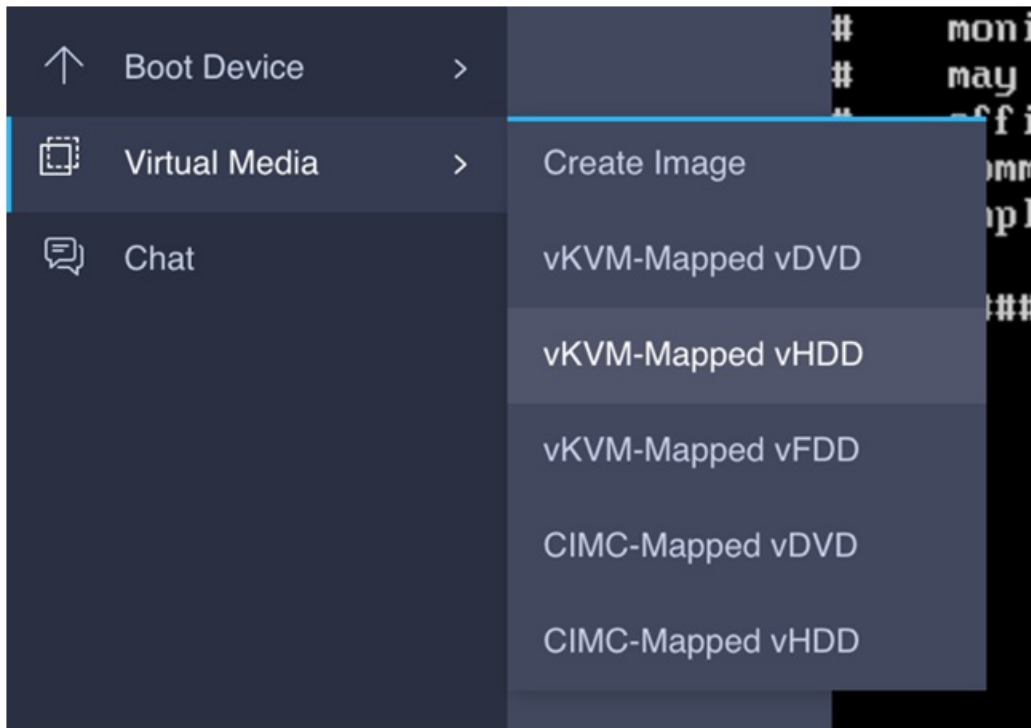
The Map Virtual Media – Removable Disk window appears.

- **Step 4** Click Browse and choose the IEC6400-HUU-4.2.3l.img HUU image file to connect it.
- **Step 5** Click Map Drive.
- **Step 6** Choose Power > Reset System, to reset the device.
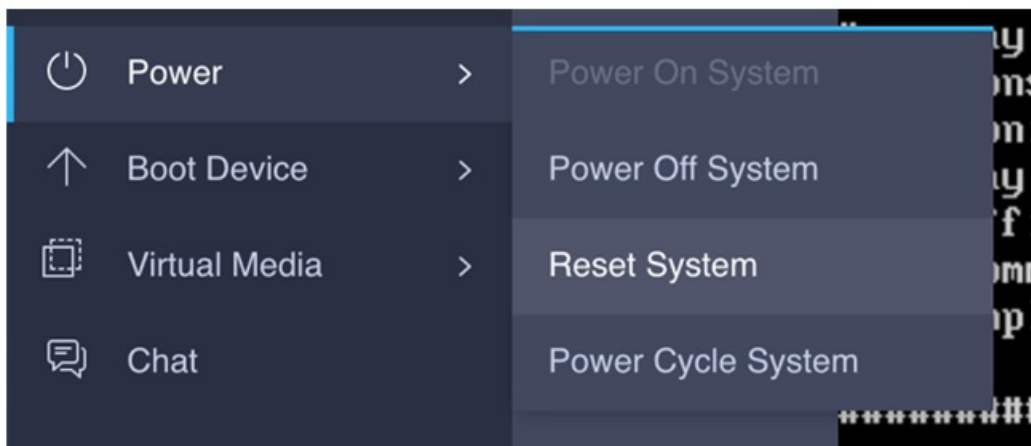
- **Step 7** From the BIOS prompt, press F6 to enter the boot menu.
- **Step 8** In the boot device menu window, choose UEFI: Cisco vKVM-Mapped vHDD2.00, Partition 1, and press Enter to boot the image.
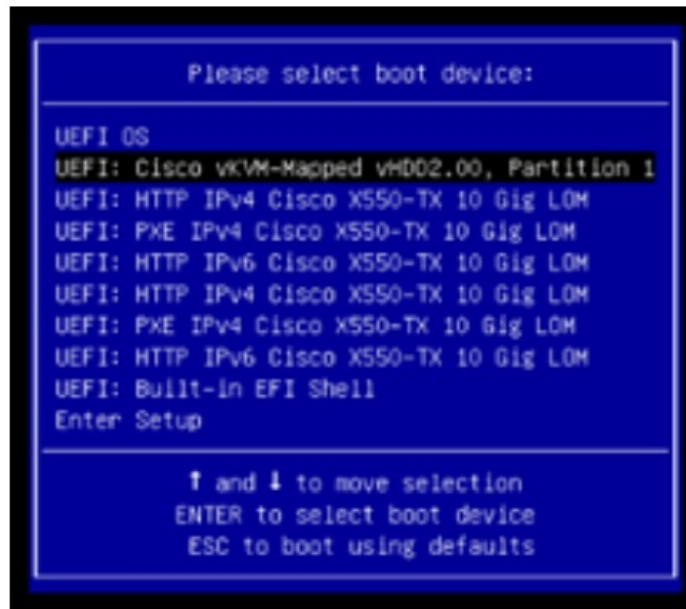
The HUU upgrade process checks the current versions of CIMC and BIOS. If the device prompts you to upgrade, entery from the keyboard to begin the upgrade process.

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

You must remain connected until the process completes.

Verify 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.

	Component	Running Version	Backup Version	Bootloader Version	Status
☐	BMC	4.2(3I)	4.3(4.241063)	4.2(3I)	Completed Successfully
☐	BIOS	C220M6.4.3.2f.0_URWB	C220M6.4.3.2e.0_URWB	N/A	Completed Successfully

Specifications

- Product: Cisco IEC6400 Edge Compute Appliance
- Firmware Upgrade Guide: Release 4.2.3l
- CIMC Version: 4.2(3l)
- BIOS Version: 4.3.2f.0

Product Usage Instructions

Upgrade the CIMC and BIOS versions of IEC6400

1. Ensure that you power on the IEC6400 gateway before performing the firmware upgrade.
2. Log into the CIMC web application using your credentials.
3. Click Launch vKVM to open Cisco vKVM console.
4. Choose Virtual Media > vKVM-Mapped vHDD.
5. Click Browse and select the IEC6400-HUU-4.2.3l.img HUU image file.
6. Click Map Drive.
7. Choose Power > Reset System to reset the device.
8. Press F6 at the BIOS prompt to enter the boot menu.
9. In the boot device menu window, select UEFI: Cisco vKVM-Mapped vHDD2.00, Partition 1, and press Enter to boot the image.
10. If prompted to upgrade, enter 'y' from the keyboard to start the upgrade process.
11. After the upgrade is complete, press Enter to activate the new versions of CIMC and BIOS and reset the device.

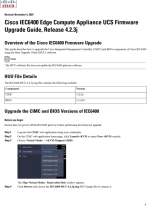### Verify the CIMC and BIOS versions of IEC6400

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

FAQs

Q: Does the HUU software update the IEC6400 gateway software?
A: No, the HUU software file does not update the IEC6400 gateway software. It is specifically for upgrading the CIMC and BIOS components.

Documents / Resources

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

References

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