# Cisco Secure Network Server 37x5 Firmware Upgrade Guide


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# Overview

This document describes how to upgrade the firmware on a Cisco Secure Network Server (SNS) 3700 series appliance.

**Note** We recommend that you perform graceful shutdown of the Cisco ISE services on the Cisco SNS appliance by using the **halt** CLI command before performing this upgrade. Forced shutdown or reload of the Cisco SNS server may corrupt Cisco ISE database.

### Upgrade to Cisco SNS 37x5 firmware release 4.3(2.240009)

You can upgrade to Cisco SNS 37x5 firmware release 4.3(2.240009) from the following releases:

- 4.3(2.230207)
- 4.2(3g)
- 4.2(2f)

The following files are required for this upgrade:

- SNS-37xx-BIOS-4-3-2e_ISE.pkg file: BIOS firmware for Cisco SNS 3700 series appliance
- SNS-37xx-HUU-4.3.2.240009_ISE.iso: Host Upgrade Utility (HUU) .iso file for Cisco SNS 3700 series appliance

For more information about the firmware release 4.3(2.240009), see the *Release Notes for Cisco UCS Rack Server Software, Release 4.3(2)*.

### Upgrade to Cisco SNS 37x5 firmware release 4.3(2.230207)

You can upgrade to Cisco SNS 37x5 firmware release 4.3(2.230207) from the following releases:

- 4.2(3g)
- 4.2(2f)

The following files are required for this upgrade:

- SNS-37xx-BIOS-4-3-2c_ISE.pkg file: BIOS firmware for Cisco SNS 3700 series appliance
- SNS-37xx-HUU-4.3.2.230207_ISE.iso: Host Upgrade Utility (HUU) .iso file for Cisco SNS 3700 series appliance

For more information about the firmware release 4.3(2.230207), see the *Release Notes for Cisco UCS Rack Server Software, Release 4.3(2)*.

### Upgrade to Cisco SNS 37x5 firmware release 4.2(3g)

You can upgrade to Cisco SNS 37x5 firmware release 4.2(3g) from firmware release 4.2(2f). The following files are required for this upgrade:

- SNS-37xx-BIOS-4-2-3c-0_ISE.pkg file: BIOS firmware for Cisco SNS 3700 series appliance

- SNS-37xx-HUU-4.2.3g_ISE.iso: Host Upgrade Utility (HUU) .iso file for Cisco SNS 3700 series appliance

For more information about the firmware release 4.2(3g), see the *Release Notes for Cisco UCS Rack Server Software, Release 4.2(3)*.

You must download the upgrade files from the Cisco ISE Software Download site.

**Note** The screenshots given in this document were taken while upgrading the firmware from 4.2(2f) to 4.2(3g). These screenshots are only for your reference.

# Upgrade and Activate the Firmware

You must perform the following steps in the sequence given below to upgrade and activate the firmware:

**Procedure**

**Step 1** Update BIOS Firmware, on page 3

**Step 2** Activate BIOS, on page 4

**Step 3** Update and Activate other Firmwares using HUU ISO, on page 4

**Note** If the BIOS firmware is not upgraded before the HUU ISO upgrade, then the BIOS will not be loaded properly and the boot options will not be displayed.

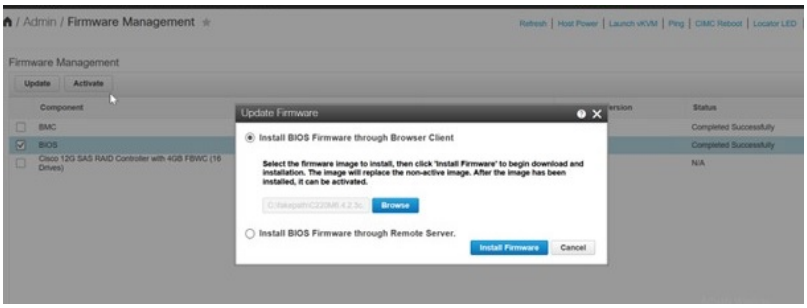
## Update BIOS Firmware

**Procedure**

**Step 1** Check the **BIOS** check box and click **Update**.

**Step 2** Click **Install BIOS Firmware Through Browser Client** and select the BIOS image.

**Step 3** Click **Install Firmware**.




BIOS is successfully uploaded as the backup version.

## Activate BIOS

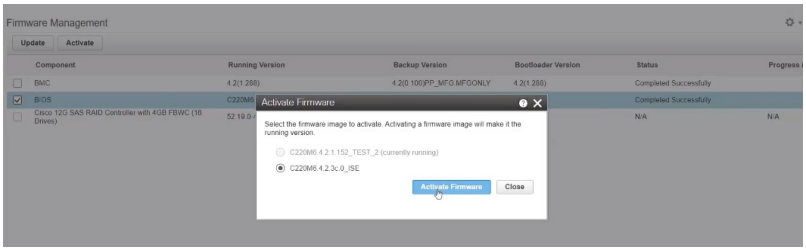
### Procedure

**Step 1** Choose **Host Power** > **Power Off** to manually power off the server.

**Step 2** Check the **BIOS** check box.

**Step 3** Click **Activate**.

**Step 4** Choose the BIOS version and click **Activate Firmware**.



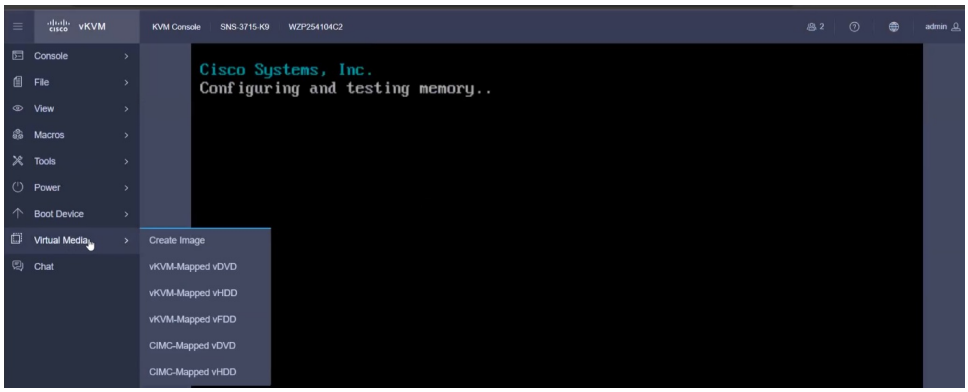

**Step 5** Choose **Host Power** > **Power On** after activating the BIOS.

## Update and Activate other Firmwares using HUU ISO

### Procedure

**Step 1** In the Cisco Integrated Management Controller toolbar, click **Launch vKVM** to launch the KVM console.

**Step 2** In the KVM console, choose **Virtual Media** > **vKVM-Mapped vDVD**.

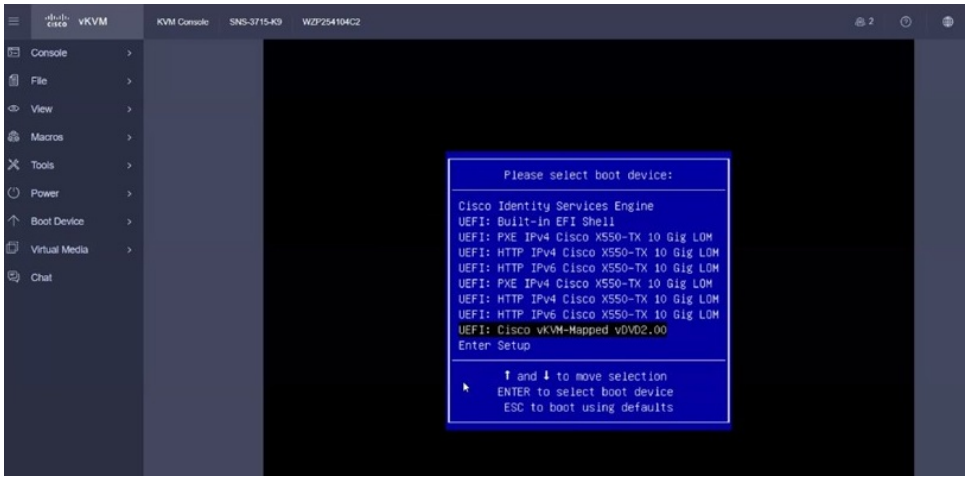



**Step 3** Click **Browse** and browse for the HUU .iso file.

**Step 4** Click **Map Drive**.

**Step 5** Press **F6** when prompted to open the **Boot Menu** window.

**Step 6** In the **Boot Menu** window, choose **UEFI: Cisco vKVM-Mapped vDVD2.00**.



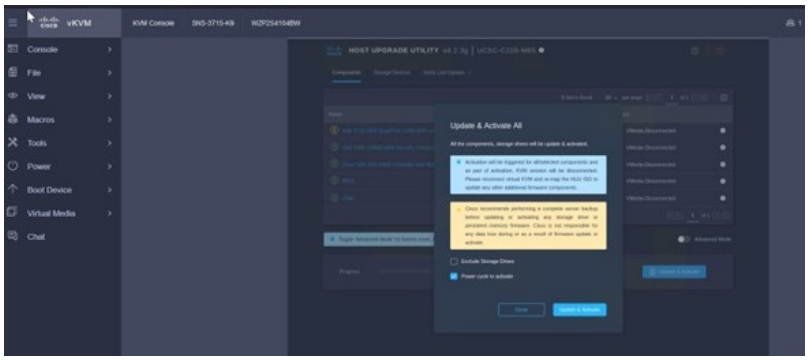

**Step 7** Read the Cisco Software License Agreement and click **Agree** to proceed with the update.

The **Cisco Host Upgrade Utility** window appears with the list of components that are available for update.

**Note** If you choose the **Reject** option, the upgrade process is canceled and the host is rebooted.

**Step 8** Click **Update & Activate**.

**Step 9** In the **Update & Activate All** window, check the **Power Cycle to Activate** check box and click **Update & Activate**.



**Note** BIOS upgrade is skipped during this step because BIOS is already upgraded to the latest version (see Update BIOS Firmware, on page 3 and Activate BIOS, on page 4).

**Step 10** The system is restarted after the firmware upgrade. Log in back to verify the upgraded firmware versions.

# Verify the Firmware Version

Choose **Admin > Firmware Management** and verify the upgraded firmware versions in the **Running Version** column.

Choose **Chassis > Summary** and verify the firmware versions.

**Note** Rollback of BMC and BIOS is not recommended while upgrading using the HUU ISO because it might cause compatibility issues.

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