



## Cisco Secure Network Server 38x5 Firmware Upgrade Guide

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# Overview

This document describes how to upgrade the firmware on a Cisco Secure Network Server (Cisco SNS) 3800 series appliance.



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**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.

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## Upgrade to Cisco SNS 38x5 firmware release 6.0.2(260044)

You can upgrade to Cisco SNS 38x5 firmware release 6.0.2(260044) from these releases:

- 6.0(1.250192)
- 6.0(1.250174)
- 6.0(1.250127)
- 4.3(5.250001)

These files are required for this upgrade:

- SNS-38xx-BIOS-6-0-2a\_ISE.pkg file: BIOS firmware for Cisco SNS 3800 series appliance
- SNS-38xx-HUU-6.0.2.260044\_ISE.iso: Host Upgrade Utility (HUU) .iso file for Cisco SNS 3800 series appliance

For more information about the firmware release 6.0(2.260044), refer to the [Release Notes for Cisco UCS Rack Server Software, Release 6.0\(2\)](#).

## Upgrade to Cisco SNS 38x5 firmware release 6.0(1.250192)

You can upgrade to Cisco SNS 38x5 firmware release 6.0(1.250192) from these releases:

- 6.0(1.250174)
- 6.0(1.250127)
- 4.3(5.250001)

These files are required for this upgrade:

- SNS-38xx-BIOS-6-0-1b\_ISE.pkg file: BIOS firmware for Cisco SNS 3800 series appliance
- SNS-38xx-HUU-6.0.1.250192\_ISE.iso: HUU .iso file for Cisco SNS 3800 series appliance

For more information about the firmware release 6.0(1.250192), refer to the [Release Notes for Cisco UCS Rack Server Software, Release 6.0\(1\)](#).

## Upgrade to Cisco SNS 38x5 firmware release 6.0(1.250174)

You can upgrade to Cisco SNS 38x5 firmware release 6.0(1.250174) from these releases:

- 6.0(1.250127)
- 4.3(5.250001)

These files are required for this upgrade:

- SNS-38xx-BIOS-6-0-1b\_ISE.pkg file: BIOS firmware for Cisco SNS 3800 series appliance
- SNS-38xx-HUU-6.0.1.250174\_ISE.iso: HUU .iso file for Cisco SNS 3800 series appliance

For more information about the firmware release 6.0(1.250174), refer to the [Release Notes for Cisco UCS Rack Server Software, Release 6.0\(1\)](#).

### Upgrade to Cisco SNS 38x5 firmware release 6.0(1.250127)

You can upgrade to Cisco SNS 38x5 firmware release 6.0(1.250127) from firmware release 4.3(5.250001).

These files are required for this upgrade:

- SNS-38xx-BIOS-6-0-1a\_ISE.pkg: BIOS firmware for Cisco SNS 3800 series appliance
- SNS-38xx-HUU-6.0.1.250127\_ISE.iso: HUU .iso file for Cisco SNS 3800 series appliance

For more information about the firmware release 6.0(1.250127), refer to the [Release Notes for Cisco UCS Rack Server Software, Release 6.0\(1\)](#).

## Upgrade and activate the firmware



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**Important**

You must perform these steps in the same sequence to upgrade and activate the firmware. 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.

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### Procedure

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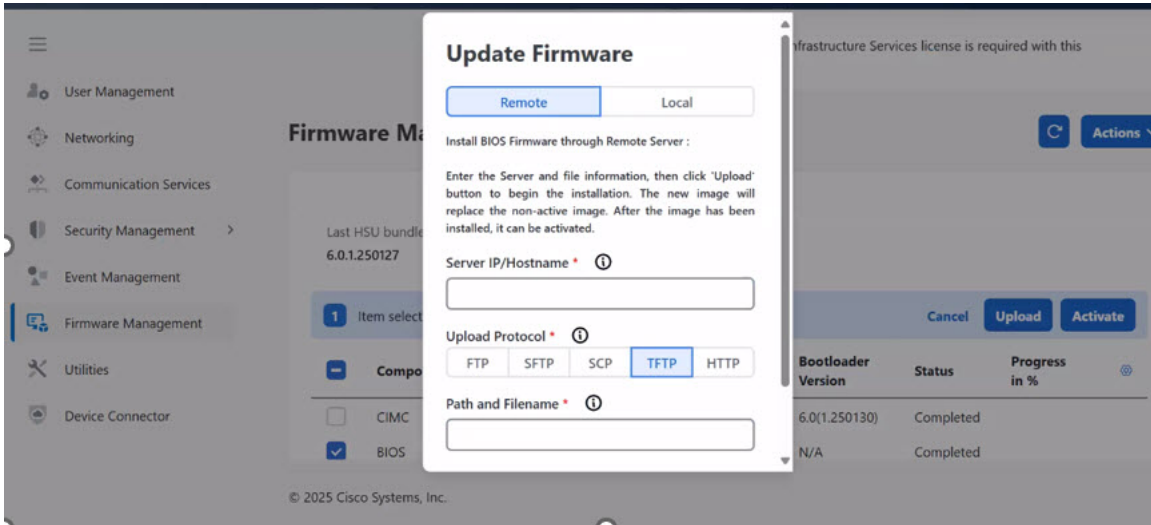
- Step 1**     [Update BIOS firmware, on page 3.](#)
  - Step 2**     [Activate BIOS, on page 4.](#)
  - Step 3**     [Update and activate other firmwares using HUU ISO, on page 5.](#)
- 

## Update BIOS firmware

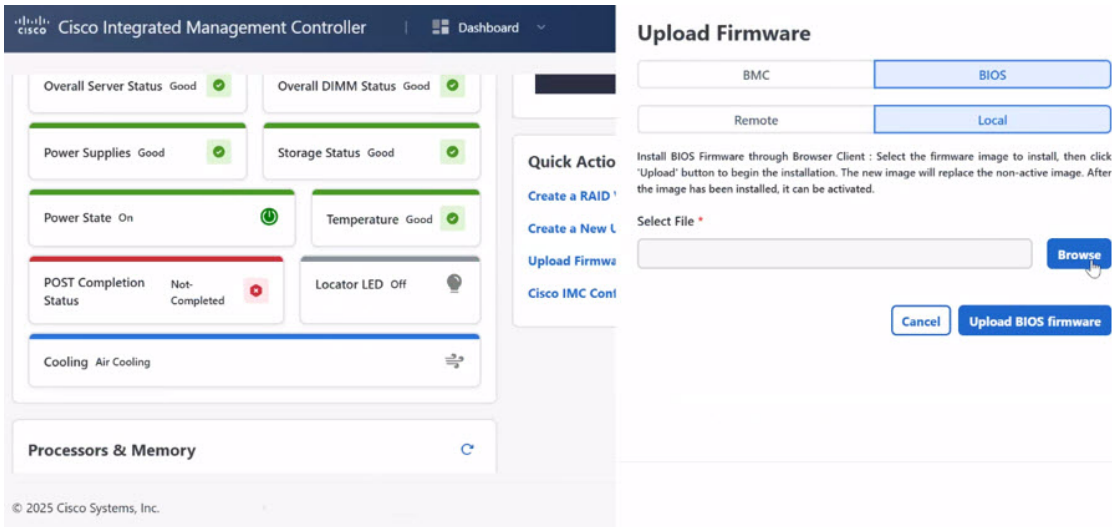
### Procedure

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- Step 1**     Choose **Dashboard > Administration > Firmware Management**.
- Step 2**     Check the **BIOS** check box and click **Upload**.



You can also use the **Upload Firmware** option in the **Quick Actions** section.



## Activate BIOS

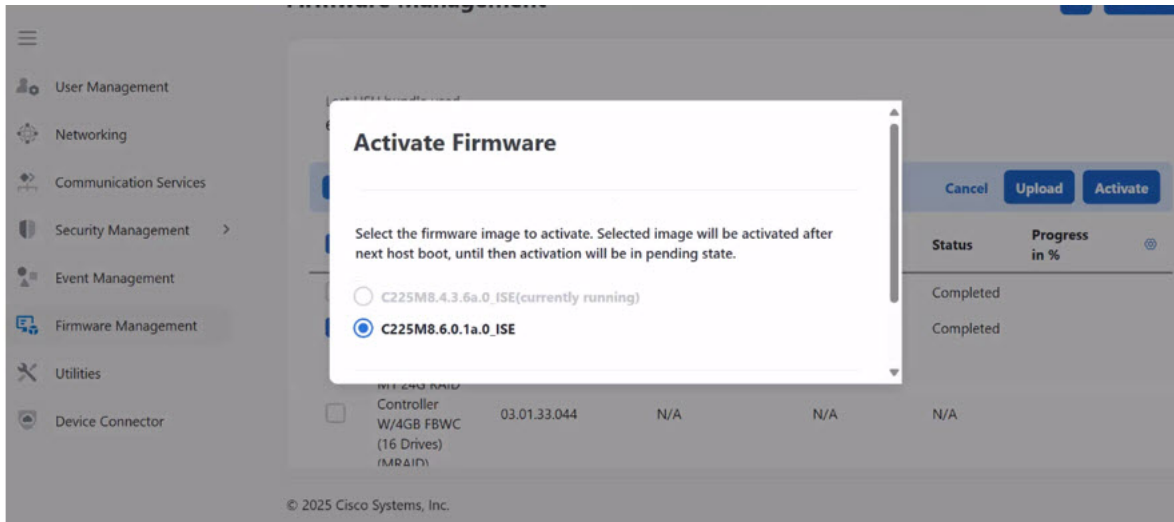
### Before you begin

You must [update the BIOS firmware](#) before performing this task.

### 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

### Before you begin

You must complete these steps before performing this task:

1. [Update BIOS firmware.](#)
2. [Activate BIOS firmware.](#)



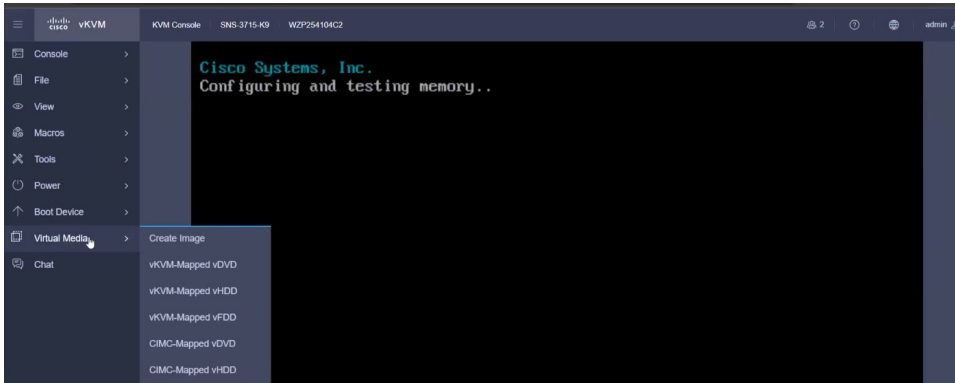
### Important

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.

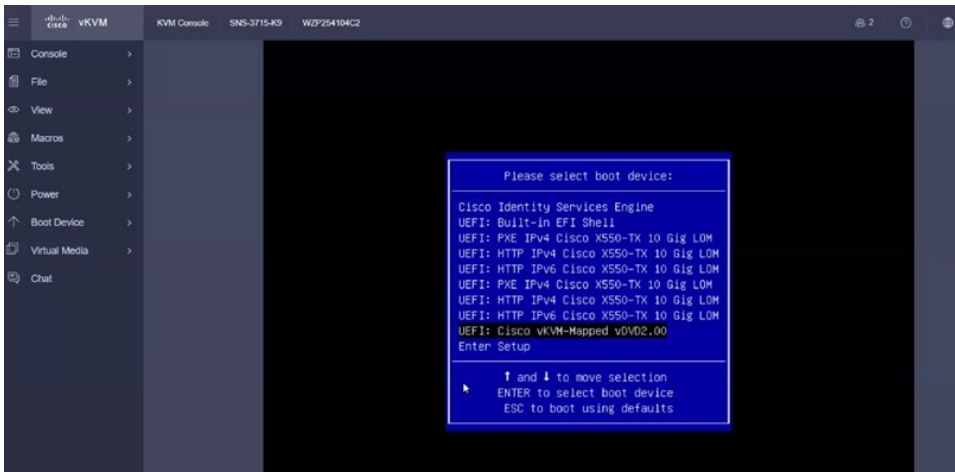
### Procedure

**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. 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](#)).

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

# Verify the firmware version

To verify the firmware version:

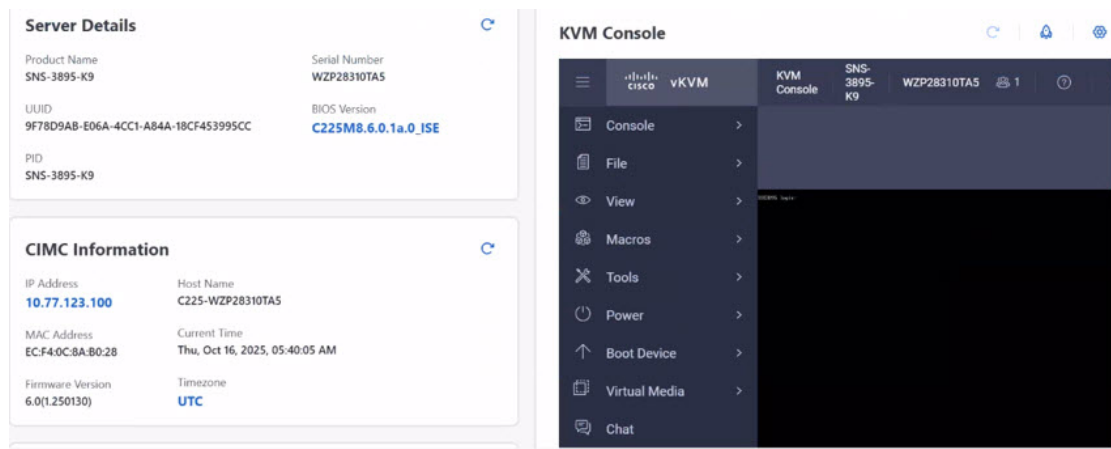
- Choose **Administration > Firmware Management** and check the upgraded firmware versions in the **Running Version** column.



The screenshot shows the 'Firmware Management' page. At the top, it indicates 'Last HSU bundle used: 6.0.1.250127'. Below this is a table with the following columns: Component, Running Version, Backup Version, Bootloader Version, Status, and Progress in %.

<input type="checkbox"/>	Component	Running Version	Backup Version	Bootloader Version	Status	Progress in %
<input type="checkbox"/>	CIMC	6.0(1.250130)	4.3(5.250001)	6.0(1.250130)	Completed	
<input type="checkbox"/>	BIOS	C225M8.6.0.1a.0_ISE	C225M8.4.3.6a.0_ISE	N/A	Completed	
<input type="checkbox"/>	Cisco Trimode M1 24G RAID Controller W/4GB FBWC (16 Drives) (MRAID)	03.01.33.044	N/A	N/A	N/A	

- Check the **Server Details** section in the home dashboard.



The screenshot shows two panels. The left panel is 'Server Details' with the following information:

- Product Name: SNS-3895-K9
- Serial Number: WZP28310TA5
- UIUID: 9F78D9AB-E06A-4CC1-A84A-18CF453995CC
- BIOS Version: C225M8.6.0.1a.0\_ISE
- PID: SNS-3895-K9

The right panel is 'CIMC Information' with the following information:

- IP Address: 10.77.123.100
- Host Name: C225-WZP28310TA5
- MAC Address: EC:F4:0C:8A:80:28
- Current Time: Thu, Oct 16, 2025, 05:40:05 AM
- Firmware Version: 6.0(1.250130)
- Timezone: UTC

The rightmost panel is 'KVM Console', showing a dark interface with a sidebar menu containing: Console, File, View, Macros, Tools, Power, Boot Device, Virtual Media, and Chat.



**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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