

# Upgrade UCS Server Using UCS Manager

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## Introduction

This document describes how to upgrade Unified Computing System (UCS) servers through UCS Manager Graphical User Interface (GUI).

## Prerequisites

### Requirements

Cisco recommends that you have knowledge of these topics:

- UCS B/C/X series
- UCS Manager

### Components Used

In the next example these components and versions were used:

- UCS Manager 4.3(6c)
- UCS B200 M5:
  - Source server software bundle 4.2(1n)
  - Target server software bundle 4.2(3o)

The information in this document was created from the devices in a specific lab environment. All of the

devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

## Background Information

The process to upgrade a UCS Series Server via UCS Manager can be done in multiple simple ways, however some points need to be reviewed prior to executing a successful firmware upgrade.

## UCS Server and UCS Manager Compatibility

The first step before starting a firmware upgrade, is to verify the compatibility of the current UCS Manager version with the target Server Firmware version.

Cisco has enabled a tool to simplify this, the [UCS Manager Cross Version Matrix](#).

This publicly enabled tool simplifies the selection of the target firmware version. Nonetheless, as a best practice, Cisco recommends to set the UCS Server firmware at the same level as the UCS Infrastructure (UCS Manager, Fabric Interconnects or FIs, IOMs) to ensure optimal compatibility. This step is key, as some newer versions often does not support deprecated hardware or firmware versions.

The next information is necessary for this tool:

- Fabric Interconnect model
- Running UCS Manager version - Referred as Infrastructure (A Bundle)
- Target Server Firmware Version. - Referred as Host FW (B/C Bundles)



**Note:** This tool can be utilized to plan and validate the compatibility for future firmware upgrades.

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For this example the next information is used:

- Fabric Interconnect model = Cisco UCS 6454 FI
- Infrastructure (A Bundle) = 4.3(6)
- Host Firmware (FW) = 4.2(3).



**Note:** In Image 1, under **Supported Configuration**, the "Yes" status is displayed with a green checkmark. This confirm the compatibility between the current Fabric Interconnect model, Infrastructure A bundle, and server firmware version.

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**Fabric Interconnect Models**

- Cisco UCSX-S9108-100G
- Cisco UCS 6664 FI
- Cisco UCS 6652 FI
- Cisco UCS 6536 FI
- Cisco UCS 6454 FI
- Cisco UCS 64108 FI
- Cisco UCS 6332-16UP FI
- Cisco UCS 6332 FI
- Cisco UCS 6324 (Mini) FI
- Cisco UCS 6200 FI
- Select All

**Infrastructure (A Bundles)**

6.0 ▶

4.3 ▼

4.3(6)  4.3(5)  4.3(4)  4.3(3)  4.3(2)

4.2 ▶

4.1 ▶

4.0 ▶

Select All

**Host FW (B/C Bundles)**

6.0 ▶

4.3 ▼

4.3(6)  4.3(5)  4.3(4)  4.3(3)  4.3(2)

4.2 ▶

4.1 ▶

4.0 ▶

Select All

[Download as PDF](#)

Cisco UCS FI Model	Infrastructure Release (A)	Host FW Versions (B/C)	Supported Configuration
Cisco UCS 6454 FI	4.3(6)	4.3(6)	<input checked="" type="checkbox"/> Yes

Image 1: UCS Manager Cross Version Matrix Tool

A "No" status, indicates that the Infrastructure A bundle require to be updated to become compatible with the target server firmware version.

Important notes are displayed at the bottom of the screen. This notes are useful to prevent issues in specific scenarios.

- Note:**
- In a setup equipped with [Cisco UCS X410c M8 Server](#), you cannot downgrade Infrastructure Version (A Bundle) or Host Firmware Version (B Bundle) to any release earlier than [6.0\(2b\)](#).
  - In a setup equipped with [Cisco UCS C240 M8 Server](#), [C220 M8 Server](#), and [UCS X210c M8 Compute Node](#), you cannot downgrade Infrastructure Version (A Bundle) or Host Firmware Version (C Bundle) to any release earlier than [4.3\(6a\)](#).
  - In a setup equipped with [Cisco UCS C245 M8 Server](#), you cannot downgrade Infrastructure Version (A Bundle) or Host Firmware Version (C Bundle) to any release earlier than [4.3\(4b\)](#).
  - In a setup equipped with [Cisco UCS X215c M8 Compute Node](#) and [Cisco UCS C225 M8 Server](#), you cannot downgrade Infrastructure Version (A Bundle) or Host Firmware Version (C Bundle) to any release earlier than [4.3\(5a\)](#).

Image 2. UCS Manager Cross Version Matrix

The [UCS Manager Cross Version Matrix](#) can be used to plan and validate the compatibility between Infrastructure A bundle version and target Server Firmware version.

This tool can be used in 2 more ways.

### Validate All Server Firmware (Host FW B/C Bundles) Versions Compatible with Current Infrastructure (A Bundle)

To view all Server Firmware (Host FW B/C Bundles) compatible the existing Infrastructure A, click **Select All** check box at the Host FW (B/C Bundles)

**Fabric Interconnect Models**

- Cisco UCSX-S9108-100G
- Cisco UCS 6664 FI
- Cisco UCS 6652 FI
- Cisco UCS 6536 FI
- Cisco UCS 6454 FI
- Cisco UCS 64108 FI
- Cisco UCS 6332-16UP FI
- Cisco UCS 6332 FI
- Cisco UCS 6324 (Mini) FI
- Cisco UCS 6200 FI
- Select All

**Infrastructure (A Bundles)**

6.0 ▾

6.0(2)  6.0(1)

• 4.3 ▾

4.3(6)  4.3(5)  4.3(4)  4.3(3)  4.3(2)

4.2 ▶

4.1 ▶

4.0 ▶

Select All

**Host FW (B/C Bundles)**

• 6.0 ▾

6.0(2)  6.0(1)

• 4.3 ▶

• 4.2 ▶

• 4.1 ▶

• 4.0 ▶

Select All

Image 3. UCS Manager Cross Version Matrix - Select all Host FW (B/C Bundle).

The tool presents the compatible Server Firmware (Host FW B/C Bundles) tagged with "Yes" and a green checkmark in the **Supported Configuration** column.

Download as PDF

Cisco UCS FI Model	Infrastructure Release (A)	Host FW Versions (B/C)	Supported Configuration
Cisco UCS 6454 FI	4.3(6)	6.0(2)	✗ No
Cisco UCS 6454 FI	4.3(6)	6.0(1)	✗ No
Cisco UCS 6454 FI	4.3(6)	4.3(6)	✓ Yes
Cisco UCS 6454 FI	4.3(6)	4.3(5)	✓ Yes
Cisco UCS 6454 FI	4.3(6)	4.3(4)	✓ Yes
Cisco UCS 6454 FI	4.3(6)	4.3(3)	✓ Yes
Cisco UCS 6454 FI	4.3(6)	4.3(2)	✓ Yes
Cisco UCS 6454 FI	4.3(6)	4.2(3)	✓ Yes
Cisco UCS 6454 FI	4.3(6)	4.2(2)	✓ Yes
Cisco UCS 6454 FI	4.3(6)	4.2(1)	✓ Yes
Cisco UCS 6454 FI	4.3(6)	4.1(3)	✓ Yes
Cisco UCS 6454 FI	4.3(6)	4.1(2)	✗ No
Cisco UCS 6454 FI	4.3(6)	4.1(1)	✗ No
Cisco UCS 6454 FI	4.3(6)	4.0(4)	✗ No
Cisco UCS 6454 FI	4.3(6)	4.0(2)	✗ No
Cisco UCS 6454 FI	4.3(6)	4.0(1)	✗ No

Image 4. UCS Manager Cross Version Matrix - Select all Host FW (B/C Bundle) - Output

### Validate All Infrastructure (A Bundle) Versions Compatible with Current Server Firmware (Host FW B/C Bundle)

To view all compatible Infrastructure A bundles for the target server firmware, click **Select All** within the Infrastructure version section.

Image 5. UCS Manager Cross Version Matrix - Infrastructure (A Bundle)

The tool presents the compatible Infrastructure versions tagged with "Yes" and a green checkmark in the **Supported Configuration** column.

Cisco UCS FI Model	Infrastructure Release (A)	Host FW Versions (B/C)	Supported Configuration
Cisco UCS 6454 FI	4.0(1)	4.2(3)	✗ No
Cisco UCS 6454 FI	4.0(2)	4.2(3)	✗ No
Cisco UCS 6454 FI	4.0(4)	4.2(3)	✗ No
Cisco UCS 6454 FI	4.1(1)	4.2(3)	✗ No
Cisco UCS 6454 FI	4.1(2)	4.2(3)	✗ No
Cisco UCS 6454 FI	4.1(3)	4.2(3)	✗ No
Cisco UCS 6454 FI	4.2(1)	4.2(3)	✓ Yes
Cisco UCS 6454 FI	4.2(2)	4.2(3)	✓ Yes
Cisco UCS 6454 FI	4.2(3)	4.2(3)	✓ Yes
Cisco UCS 6454 FI	4.3(2)	4.2(3)	✓ Yes
Cisco UCS 6454 FI	4.3(3)	4.2(3)	✓ Yes
Cisco UCS 6454 FI	4.3(4)	4.2(3)	✓ Yes
Cisco UCS 6454 FI	4.3(5)	4.2(3)	✓ Yes
Cisco UCS 6454 FI	4.3(6)	4.2(3)	✓ Yes
Cisco UCS 6454 FI	6.0(1)	4.2(3)	✓ Yes
Cisco UCS 6454 FI	6.0(2)	4.2(3)	✓ Yes

Image 6. UCS Manager Cross Version Matrix - Infrastructure (A Bundle) - Output



**Note:** If an Infrastructure Bundle upgrade is required, it is recommended to review the [Release Notes for UCS Manager, Firmware/Drivers, and Blade BIOS](#) for your target Infrastructure bundle version. Additionally, verify your hardware compatibility using the Related Documentations. Once compatibility is confirmed, proceed with the Infrastructure A Bundle upgrade by following the steps outlined in the [Upgrade UCS Manager](#) article.

After all prerequisites are met, the next step is to obtain the Firmware Bundle and upload to UCS Manager.

## Manage Server Software Bundle

### Download the Server Software Bundle

1. Go to the [Cisco Software Download website](#) and select the appropriate server type:

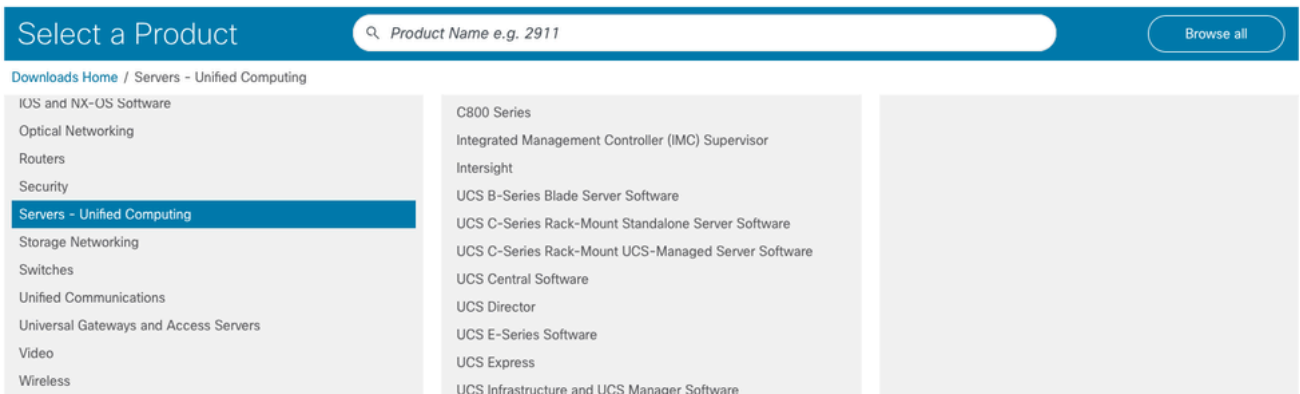


Image 7. Cisco Software Download Website

- For B and X series: UCS B-Series Blade Server Software
- For C series integrated to UCS Manager: UCS C-Series Rack-Mount UCS-Managed Server Software

2. Select **Unified Computing System (UCS) Server Software Bundle**, select the target version and download the bundle.

# Software Download

[Downloads Home](#) / [Servers - Unified Computing](#) / [UCS B-Series Blade Server Software](#)

## Select a Software Type

- [Unified Computing System \(UCS\) Diagnostics](#)
- [Unified Computing System \(UCS\) Documentation Roadmap Bundle](#)
- [Unified Computing System \(UCS\) Drivers](#)
- [Unified Computing System \(UCS\) Server Configuration Utility](#)
- [Unified Computing System \(UCS\) Server Software Bundle](#)**
- [Unified Computing System \(UCS\) Utilities](#)

Image 8. Cisco Software Download - Select Unified Computing System (UCS ) Server Software Bundle

# Software Download

[Downloads Home](#) / [Servers - Unified Computing](#) / [UCS B-Series Blade Server Software](#) / [Unified Computing System \(UCS\) Server Software Bundle - 4.2\(3o\)](#)

[Expand All](#) [Collapse All](#)

Suggested Release

- 6.0(1e)
- 4.2(3p)

Latest Release

- 4.3(6e)
- 6.0(1e)
- 4.2(3p)
- 4.1(3n)

All Release

- 6.0
- 4.3
- 4.2
- 4.2(3o)**
- 4.2(3n)

## UCS B-Series Blade Server Software

Release 4.2(3o) [Related Links and Documentation](#)  
[Release Note for 4.2\(3o\)](#)

[My Notifications](#)








File Information	Release Date	Size	
Software for the UCS B-Series blade server products ucs-k9-bundle-b-series.4.2.3o.B.bin <a href="#">Advisories</a>	20-Feb-2025	868.48 MB	
<b>Related Software</b>			
The UCS Infrastructure Software Bundle contains: - NX-OS software for the UCS 6332 Fabric Interconnects - Firmware for the fabric extenders and I/O modules - UCS Manager - Chassis Management Controller - UCSM Capability Catalog. ucs-6300-k9-bundle-infra.4.2.3o.A.bin <a href="#">Advisories</a>	20-Feb-2025	1275.92 MB	 
The UCS Infrastructure Software Bundle contains: - NX-OS software for the UCS 6454 Fabric Interconnects - Firmware for the fabric extenders and I/O modules - UCS Manager - Chassis Management Controller - UCSM Capability Catalog. ucs-6400-k9-bundle-infra.4.2.3o.A.bin <a href="#">Advisories</a>	20-Feb-2025	2439.79 MB	 
The UCS Infrastructure Software Bundle contains: - NX-OS software for the UCS 6536 Fabric Interconnects - Firmware for the	20-Feb-2025	2480.18 MB	 

Image 9. Cisco Software Download - Select Firmware Version.

## Upload the Server Software Bundle into UCS Manager

1. Log in to UCS Manager.

2. Navigate to **Equipment > Firmware Management > Download Tasks** and click on **Download Firmware**.

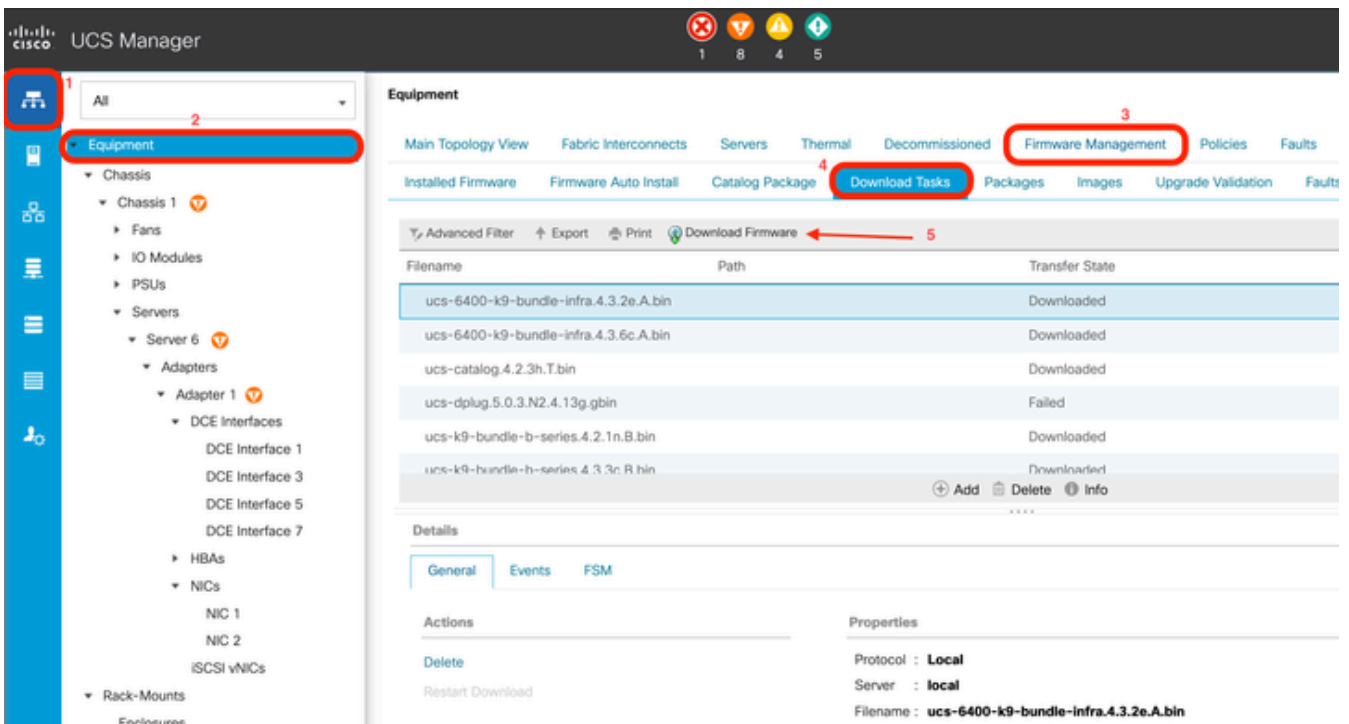


Image 10. Upload Firmware Bundle to UCS Manager.

3. Click on **Local File System** and **Browse**.

4. Select the downloaded bundle and click **OK**.

After the firmware bundle is uploaded, it is copied on each Fabric Interconnect automatically.

The next step is to execute the UCS Server upgrade.

## Upgrade UCS Server

For UCS servers managed by UCS Manager, there are three primary upgrade methods available:

1. **Host Firmware Policy** - Upgrades the server IMC, Network Adapters, BIOS and Controllers on the server, using a policy and including it in the service profile associated to the server.
2. **Firmware Autoinstall** - Uses the Cisco UCS Server Software Bundle to upgrade all servers in the Cisco UCS domain. All components are upgraded to the firmware version included in the selected Cisco UCS Infrastructure Software Bundle.
3. **Manually** - Allows the firmware modification of different components individually or in a bundle. It is only recommended as a last resort, when the upgrade of the firmware of a specific component is needed. This method is not supported when a Host Firmware Policy is in use. When a service profile

is associated with a Host Firmware Policy, the system enforces automated firmware management.

Before the execution of the server firmware upgrade, the next is a best practice to minimize impact of the upgrade.

## Create and Apply a Maintenance Policy (Recommended)

A maintenance policy determines a pre-defined action to take when there is a disruptive change made to the service profile associated with a server. The maintenance policy specifies how Cisco UCS Manager deploys the service profile changes. During a firmware upgrade, creating a maintenance policy and selecting a reboot policy defines when the server must reboot once the changes are applied.

- The **Immediate** option makes the server to reboot without prompting for any user acknowledgement.
- The **User acknowledge** option accepts manual acknowledgement from user before rebooting the server.
- The **Timer Automatic** option triggers the reboot at a specific time mentioned in a schedule.

Associating a **Maintenance Policy** prevents unexpected server reboots during the upgrade process.

Find more about Maintenance Policies in the [Cisco UCS Manager Administration Management](#) guide.

To configure a Maintenance Policy:

1. Go to **Servers > Maintenance Policies**.
2. Click + **Add** at the bottom of the main pane and fill in the details. Select **User Ack** in the Reboot Policy and select **On Next Boot** policy.

## Create Maintenance Policy



Name :

Description :

Soft Shutdown Timer :

Storage Config. Deployment Policy :  Immediate  User Ack

Reboot Policy :  Immediate  User Ack  Timer Automatic

On Next Boot (Apply pending changes at next reboot.)

Image 11. Maintenance Policy Wizard

3. Click **OK** to save.

4. Go to **Servers > Service Profile** and click **Change Maintenance Policy**.

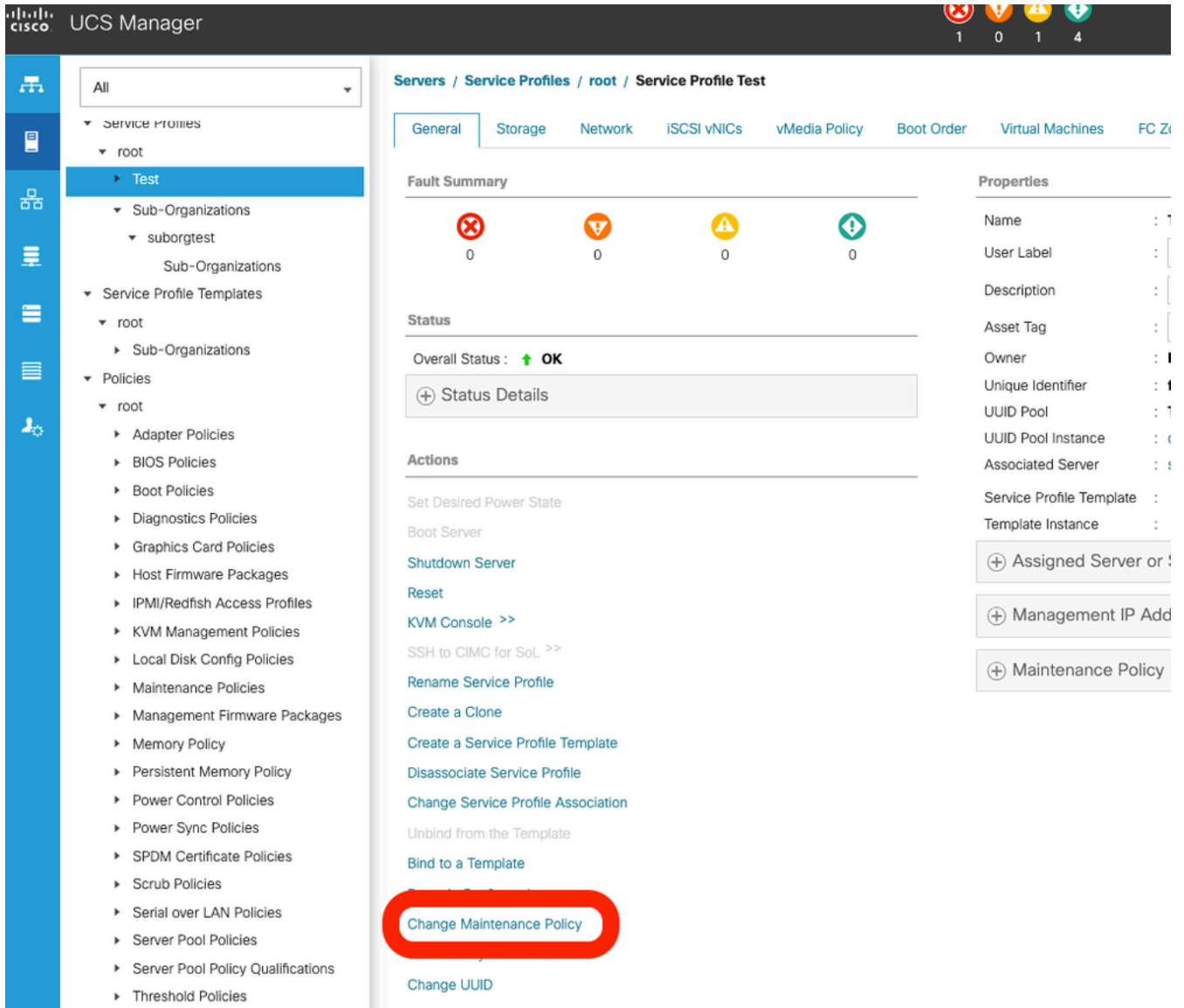


Image 12. Change Maintenance Policy in UCS Manager.

5. Select the Maintenance Policy created and click **OK**.

When the Maintenance Policy is configured with the **Reboot Server - User Ack** setting, the system displays an alert in the top-right corner of the interface. This requires manual confirmation before the server reboot sequence is initiated, allowing you to manage downtime according to your operational schedule.

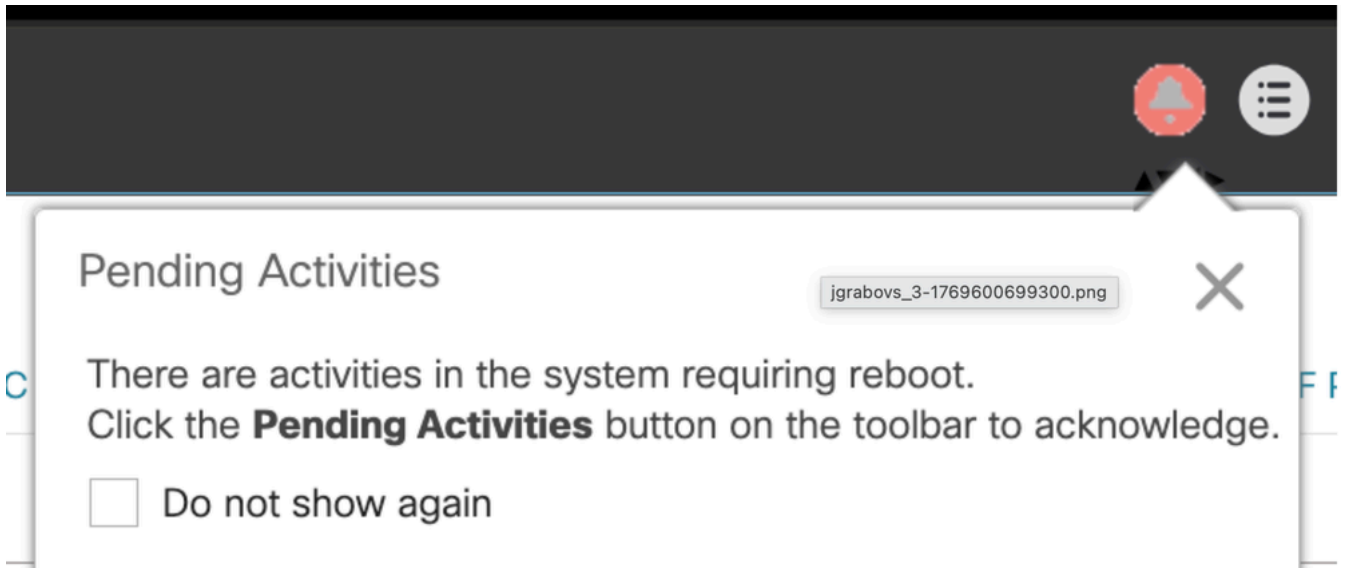


Image 13. Pending Activities - User Ack

## Method 1: Upgrade UCS Server Using a Host Firmware Policy

### Create the Firmware Policy

1. Go to **Servers > Policies > Host Firmware Packages**.

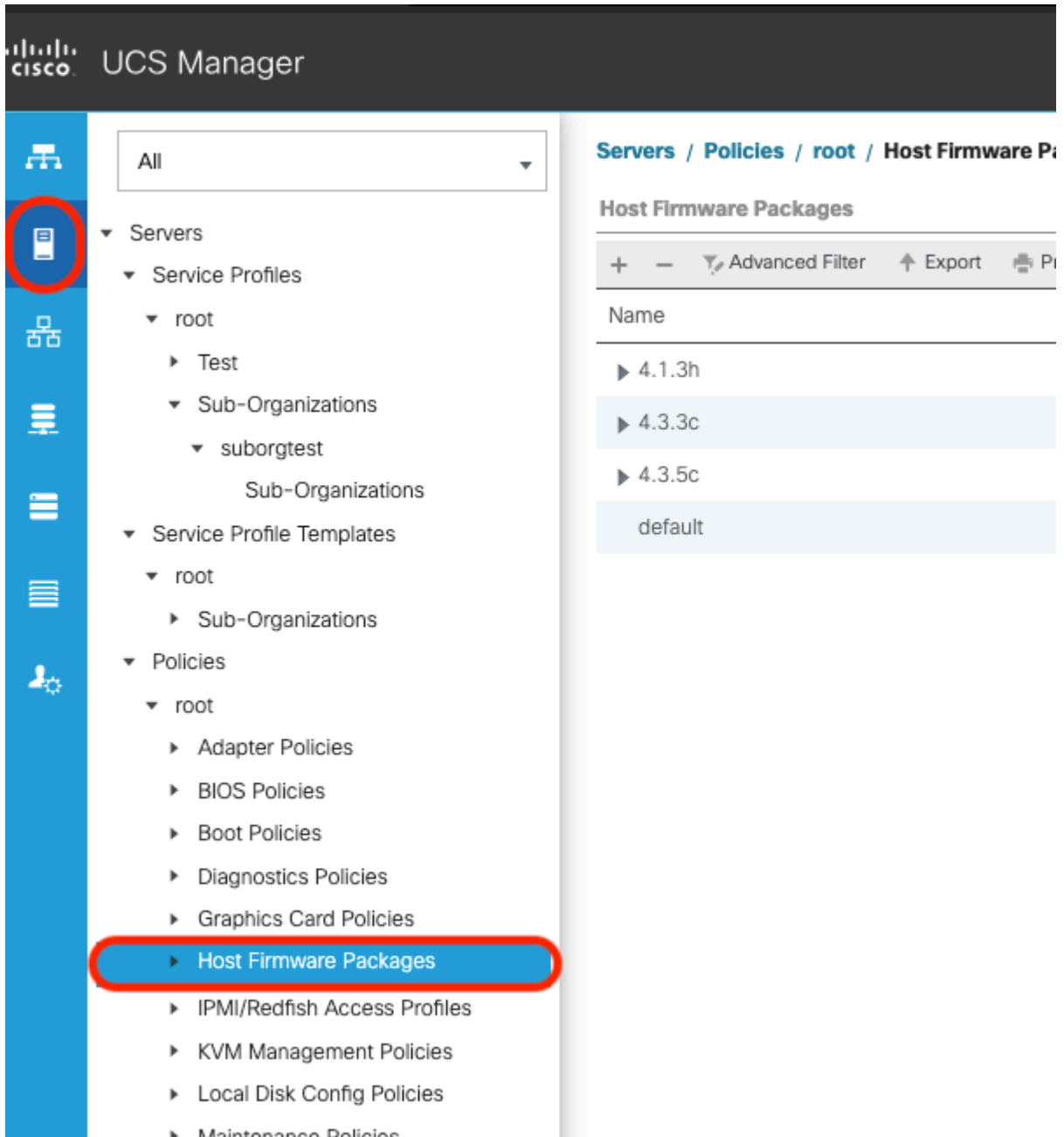


Image 14. Host Firmware Package in UCS Manager

2. Click on + **Add** in the bottom of the main pane.
3. Create the firmware policy with the details of the bundle uploaded.
4. Select the respective bundle version for the blade and/or rack package.



**Note:** In this example, only Local Disk was selected in the Excluded Components section. Other components are often selected to exclude them from the upgrade.

Create Host Firmware Package ? X

Name : **4.2.1n\_B**

Description :

How would you like to configure the Host Firmware Package?

Simple  Advanced

Blade Package : **4.2(1n)B** ←

Rack Package : <not set>

Service Pack : <not set>

**The images from Service Pack will take precedence over the images from Blade or Rack Package**

Excluded Components:

<input type="checkbox"/>	Adapter
<input type="checkbox"/>	BIOS
<input type="checkbox"/>	Board Controller
<input type="checkbox"/>	CIMC
<input type="checkbox"/>	CPLD Firmware
<input type="checkbox"/>	FC Adapters
<input type="checkbox"/>	Flex Flash Controller
<input type="checkbox"/>	GPUs
<input type="checkbox"/>	HBA Option ROM
<input type="checkbox"/>	Host NIC
<input type="checkbox"/>	Host NIC Option ROM
<input checked="" type="checkbox"/>	Local Disk
<input type="checkbox"/>	NVME Mswitch Firmware
<input type="checkbox"/>	PSU

**OK** Cancel

Image 15. Create Host Firmware Package

3. Click **OK**.

### Apply the Firmware Policy

1. Go to **Servers > Service Profile > Policies**.

2. In **Firmware Policies**, select the Host Firmware Policy created in [Creating the Firmware Policy](#).

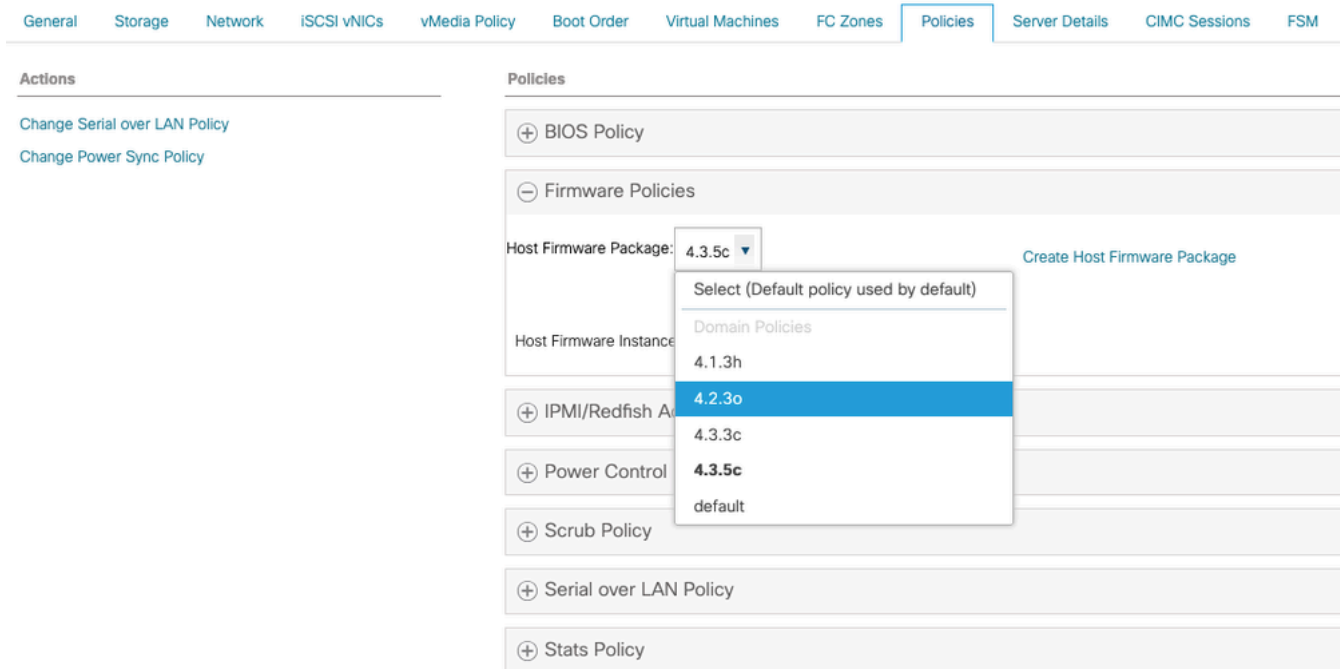


Image 16. Apply Host Firmware Package

3. Click **Save Changes**.

The upgrade starts as soon as you save the changes.

## Method 2: Upgrade the UCS Server using Auto Install

1. Go to **Equipment > Firmware Management > Firmware Auto Install**.
2. Select **Install Server Firmware** to initiate a wizard.

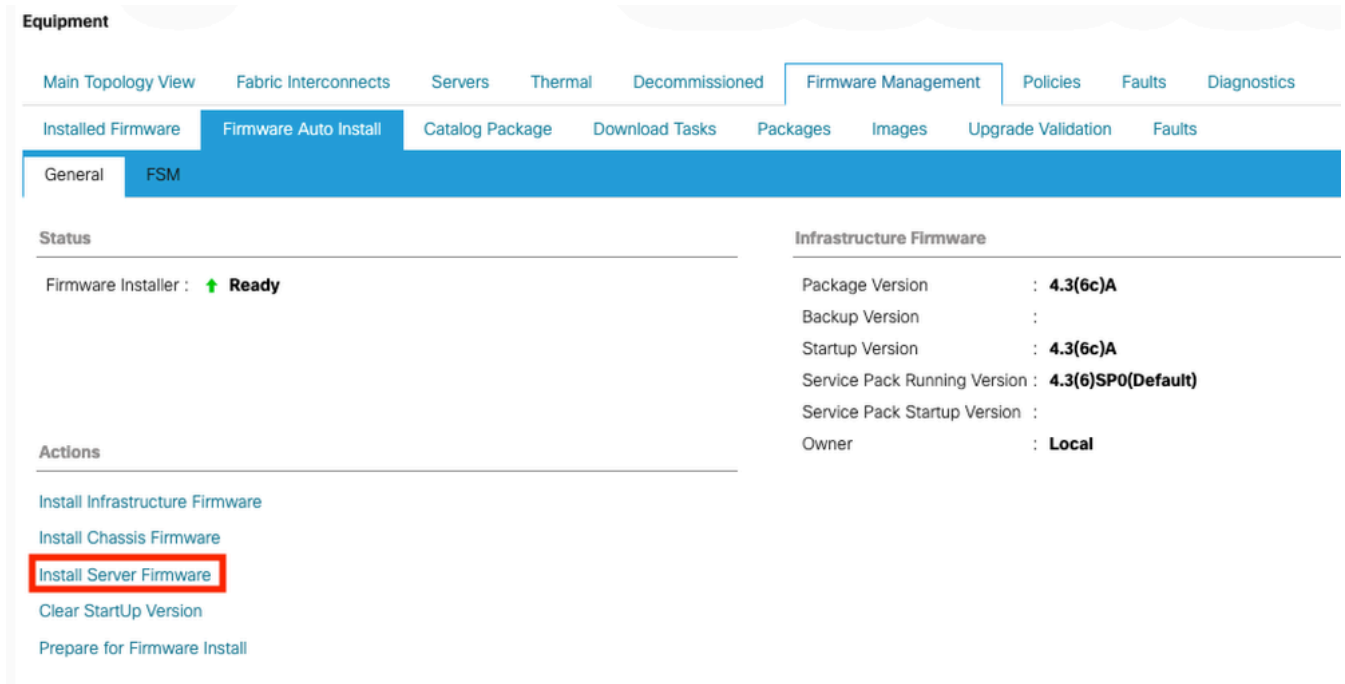


Image 17. UCS Manager - Server Firmware - Auto Install

3. In the **Select Package Versions** step, select the **New Version** for B and/or C series servers. In this example 4.2(3o)B series package is selected. Click **Next**.

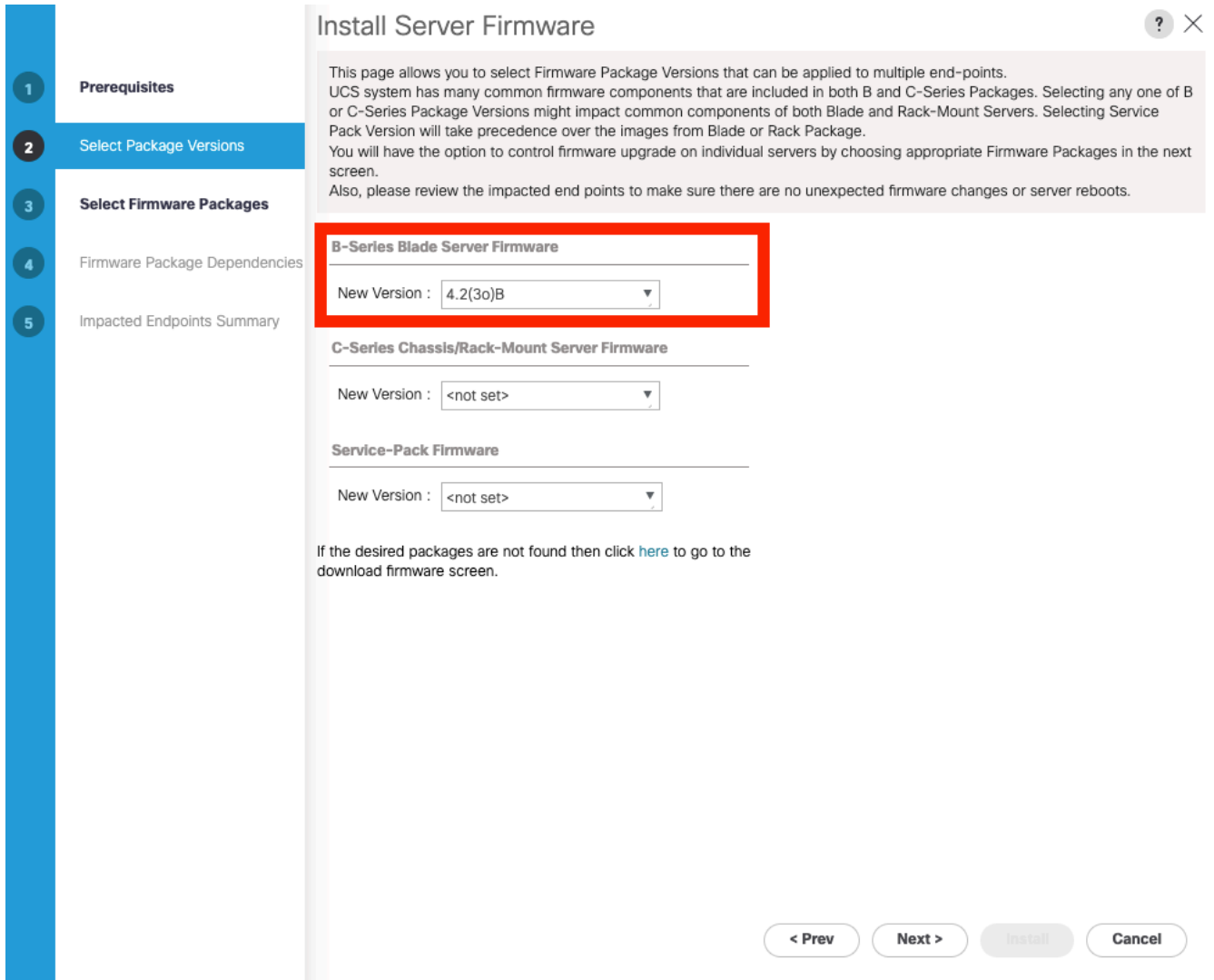


Image 18. Auto-install: Set Blade Server Firmware

4. In the **Host Firmware Packages** step, select the Organization containing the servers intended for upgrade. Only servers associated with the selected Organization upgrades. In this example, **root** was selected to upgrade all servers. This upgrade includes servers with and without a service profile associated.

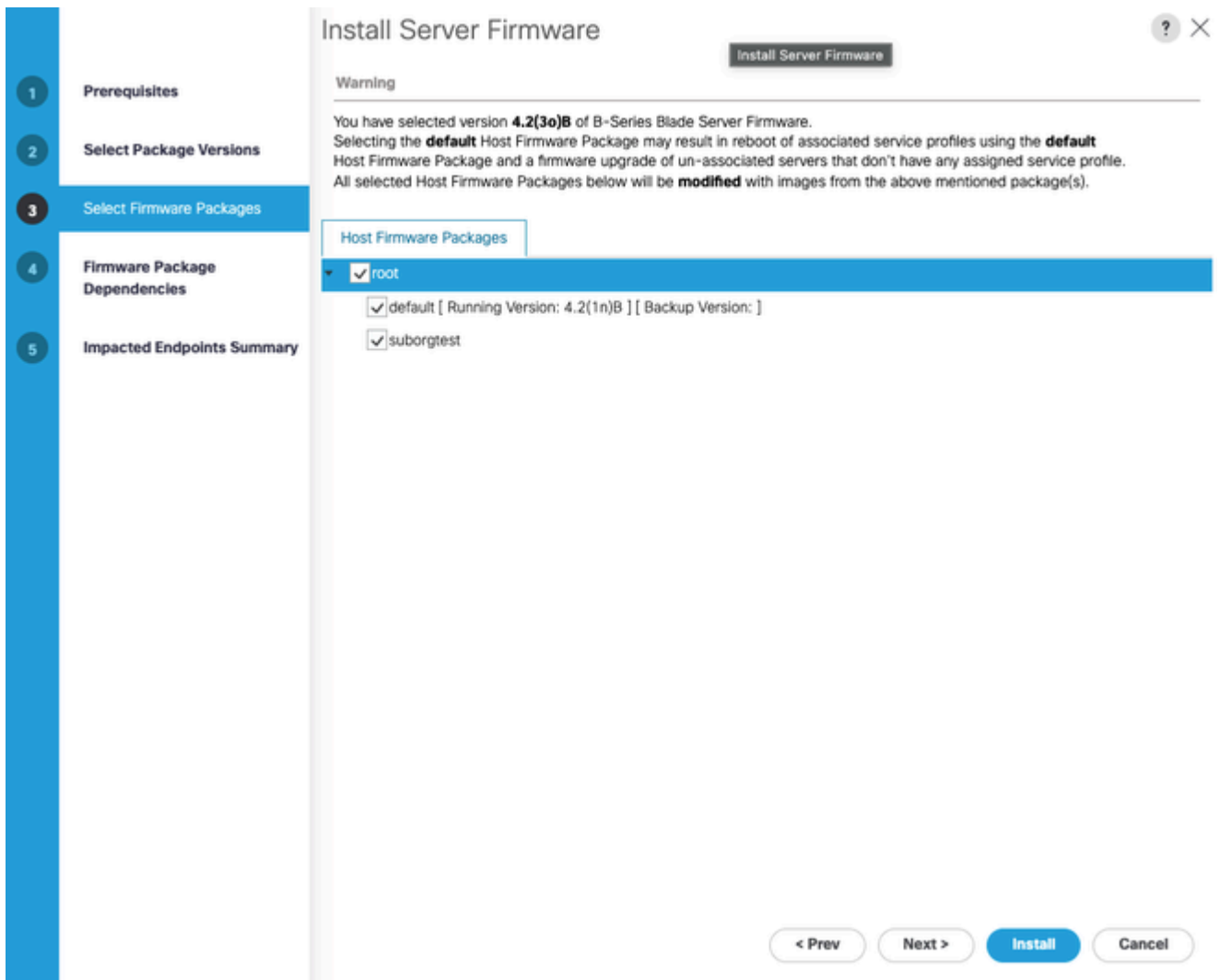


Image 19. Auto-install: Select Firmware Package

5. Click **Next**. Section 4 - **Firmware Firmware Dependencies** shows the Service profiles that are impacted.
6. Click **Next**. Section 5 - **Impacted Endpoint Summary** shows the servers that are impacted by the auto install.
7. Click **Install**.

The upgrade begins.

### Method 3: Upgrade the UCS Server Manually



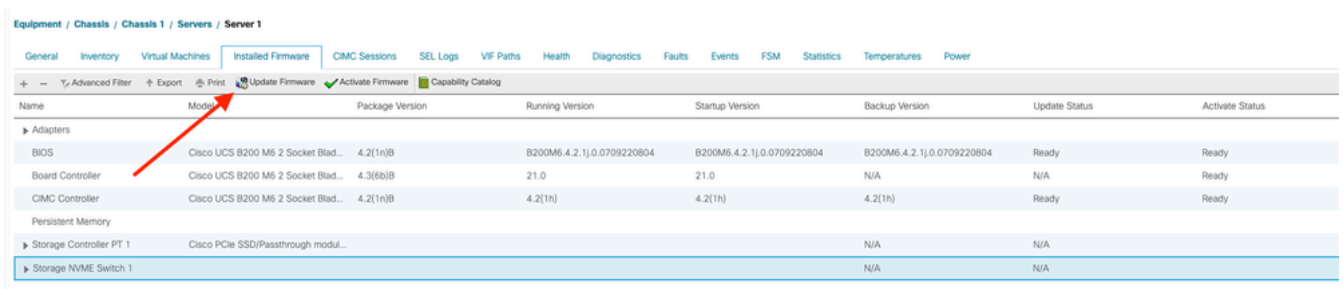
**Note:** For small environments, this method is OK. In medium and large environments, however, it

is generally discouraged as a best practice. Frequent use without proper change registration can lead to loss of firmware version tracking, undermining the consistency required for software compliance and compatibility, particularly in environments where multiple departments manage different layers of the infrastructure, such as the host OS, virtual machines, or other components that often later require updates dependent on the underlying firmware version.

1. Go to **Equipment > Chassis > Chassis (id) > Servers > Server (id)**

2. Select the **Install Firmware** tab. This displays a table containing the firmware versions of each component on the server.

3. Click on **Update Firmware**.



The screenshot shows the 'Installed Firmware' tab for a server. The interface includes a breadcrumb trail 'Equipment / Chassis / Chassis 1 / Servers / Server 1' and a top navigation bar with tabs: General, Inventory, Virtual Machines, Installed Firmware (selected), CIMC Sessions, SEL Logs, VIF Paths, Health, Diagnostics, Faults, Events, FSM, Statistics, Temperatures, and Power. Below the navigation bar, there are buttons for '+ Advanced Filter', 'Export', 'Print', 'Update Firmware' (highlighted with a red arrow), 'Activate Firmware', and 'Capability Catalog'. The main content is a table with the following columns: Name, Model, Package Version, Running Version, Startup Version, Backup Version, Update Status, and Activate Status. The table lists components such as Adapters (BIOS, Board Controller, CIMC Controller), Persistent Memory, Storage Controller PT 1, and Storage NVME Switch 1.

Name	Model	Package Version	Running Version	Startup Version	Backup Version	Update Status	Activate Status
Adapters							
BIOS	Cisco UCS B200 M6 2 Socket Blad...	4.2(1n)B	B200M6.4.2.1j.0.0709220804	B200M6.4.2.1j.0.0709220804	B200M6.4.2.1j.0.0709220804	Ready	Ready
Board Controller	Cisco UCS B200 M6 2 Socket Blad...	4.3(6b)B	21.0	21.0	N/A	N/A	Ready
CIMC Controller	Cisco UCS B200 M6 2 Socket Blad...	4.2(1n)B	4.2(1h)	4.2(1h)	4.2(1h)	Ready	Ready
Persistent Memory							
Storage Controller PT 1	Cisco PCIe SSD/Passthrough modul...				N/A	N/A	
Storage NVME Switch 1					N/A	N/A	

Image 20. Server Installed Firmware

4. Select the **Bundle** radio button and select the target version in the dropdown.

## Update Firmware



1 2

+ - Filter: ALL Select:  Version  Bundle Set Version: No Common Version Set Bundle: 4.2(30)B Set Service Pack:

Name	Model	Package Version	Running Version	Startup Version	Backup Version	Update Status
▼ Adapters						
Adapter 1	Cisco UCS VIC 1440	4.2(1n)B	5.2(1d)	5.2(1d)	5.2(3o)	Ready
BIOS	Cisco UCS B200 M6 2 S...	4.2(1n)B	B200M6.4.2.1j.0.07092...	B200M6.4.2.1j.0.07092...	B200M6.4.3.4b.0.0	Ready
CIMC Controller	Cisco UCS B200 M6 2 S...	4.2(1n)B	4.2(1h)	4.2(1h)	4.2(3i)	Ready

+ Add - Delete Info

OK Apply Cancel Help

Image 21. Set Firmware Bundle for Backup



**Note:** The dropdown selector allows the selection of the version of each component individually (Adapter, BIOS, etc).

▼ Adapters

Adapter 1	Cisco UCS VIC 1440	4.2(1n)B	5.2(1d)	5.2(1d)	5.2(1d)	Ready
BIOS	Cisco UCS B200 M6 2 S...	4.2(1n)B	B200M6.4.2.1j.0.07092...	B200M6.4.2.1j.0.07092...	5.2(3c)	Ready
CIMC Controller	Cisco UCS B200 M6 2 S...	4.2(1n)B	4.2(1h)	4.2(1h)	5.3(4.84)	Ready

5.2(3o)

5.2(3g)

5.1(3f)

5.3(2.46)

5.2(1d)

5.3(5.78)

Image 22. Set Individual Component Firmware Version.

5. Click **Apply** and **OK**.

6. Navigate to the **FSM** tab and monitor the progress until the task reaches 100% completion.

7. Go to **Installed Firmware** tab and click on **Activate Firmware**.

8. For each component select the version shown in the backup version column from the main pane.

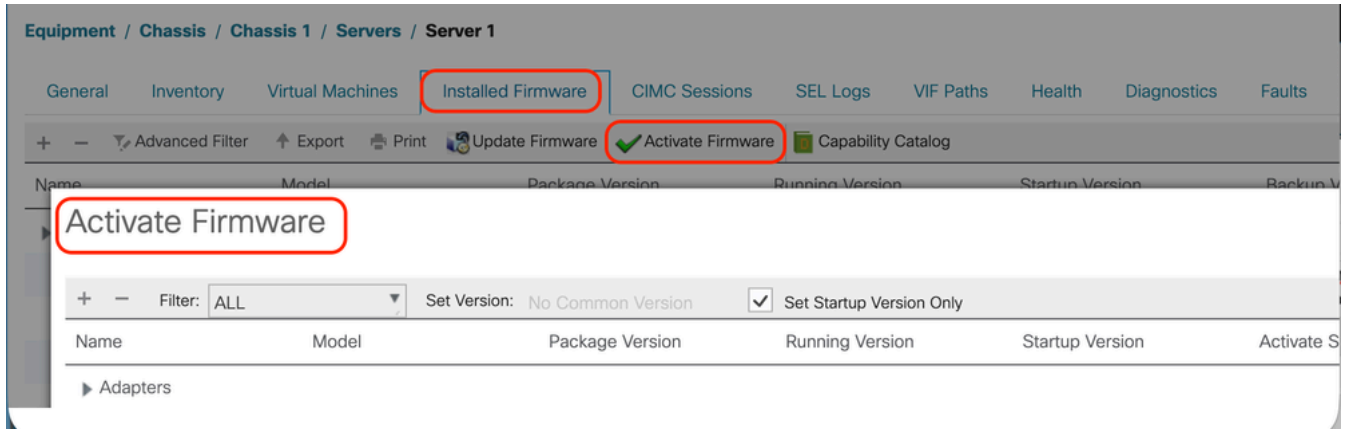


Image 23. Activate Firmware

9. Click **Apply** and **Ok**. The upgrade starts.

## Verification

Go to **Equipment > Chassis > Chassis (id) > Servers > Server (id) > FSM** tab and observe the upgrade process. A Progress Status of 100% shows a complete upgrade process.

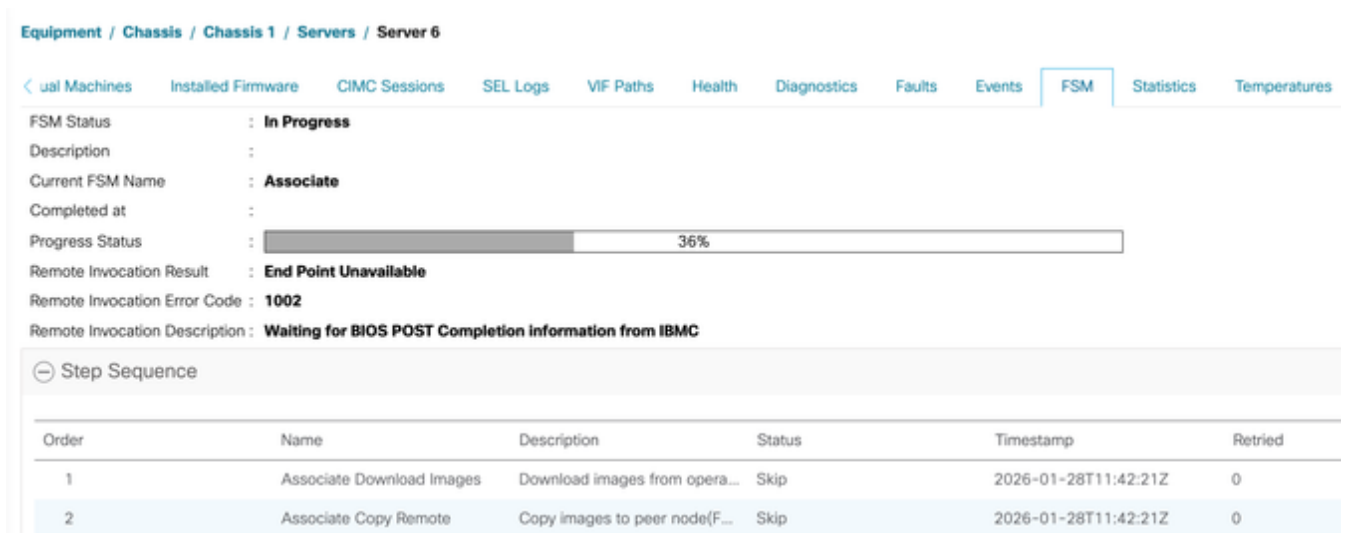


Image 24. FSM

In the Installed Firmware tab, observe the installed firmware on the selected server. The **Package Version** column contains the target Host Firmware version.



**Note:** The Board Controller does not support downgrading, but is backwards compatible. The presented server was upgraded to a higher version and downgraded, shown by a higher Package Version for the Board Controller.

Equipment / Chassis / Chassis 1 / Servers / Server 1

< General Inventory Virtual Machines **Installed Firmware** CIMC Sessions SEL Logs VIF Paths Health Diagnostics Faults Events FSM Statistics Temperatures >

+ - Advanced Filter Export Print Update Firmware  Activate Firmware Capability Catalog

Name	Model	Package Version	Running Version	Startup Version	Backup Version	Update Status	Activate Status
▶ Adapters							
BIOS	Cisco UCS B200 M6 2 ...	4.2(3o)B	B200M6.4.3.4b.0.0826...	B200M6.4.3.4b.0.0826...	B200M6.4.2.1j.0.0709...	Ready	Ready
Board Controller	Cisco UCS B200 M6 2 ...	4.3(6b)B	21.0	21.0	N/A	N/A	Ready
CIMC Controller	Cisco UCS B200 M6 2 ...	4.2(3o)B	4.2(3l)	4.2(3l)	4.2(1h)	Ready	Ready
Persistent Memory							
▶ Storage Controller P... Cisco PCIe SSD/Passth...							
▶ Storage NVME Switc...							

Image 25. Firmware Installed and Activated