



Release Notes for Cisco Intersight Managed Mode Server Firmware, Release 6.0

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CHAPTER 1

Cisco Intersight Managed Mode Server Firmware, Release 6.0

- [Cisco Intersight Managed Mode Server Firmware, Release 6.0, on page 1](#)
- [Firmware Version Equivalency Between Cisco Intersight, Cisco IMC, and Cisco UCS Manager, on page 2](#)
- [Revision History, on page 2](#)

Cisco Intersight Managed Mode Server Firmware, Release 6.0

Cisco Intersight Managed Mode server firmware updates are released to provide updated versions of BIOS, CIMC, adapters, and other server components for supported Cisco UCS servers managed through Intersight. To manage the Cisco UCS server firmware, see [Managing Firmware in Intersight Managed Mode](#). This feature is available with a Cisco Intersight Essentials or Advanced license tier.

Supported Cisco UCS servers managed through Intersight are:

- **Intersight Managed Mode (IMM) servers:**

These include Cisco UCS B-Series, C-Series, and X-Series servers connected to Intersight through Cisco UCS Fabric Interconnects.



Note This document covers known issues and limitations related to these IMM servers only.

- **Intersight Standalone Mode servers:**

These include Cisco UCS C-Series and S-Series rack servers without Fabric Interconnect attachment, managed by Cisco Integrated Management Controller (CIMC). For known issues and limitations related to ISM servers, see [Cisco IMC Release Notes](#).

- **UCS Manager (UCSM) Managed Mode (UMM) servers:**

These include Cisco UCS B-Series, C-Series, X-Series, S-Series, and HX-Series servers, which are attached to Fabric Interconnects (FIs), and managed through UCS Manager.

For known issues and limitations related to UMM servers, see [Cisco UCS Manager Release Notes](#).

- **Cisco UCS C885A M8 Rack server:**

For known issues and limitations related to Cisco UCS C885A M8 Rack server, see [Cisco Baseboard Management Controller Release Notes for Cisco UCS C885A M8 Rack Server](#).

- **Cisco UCS C845A M8 Rack server:**

For known issues and limitations related to Cisco UCS C845A M8 Rack server, see [Cisco Baseboard Management Controller 2.0 Release Notes, Release 2.0](#).

Firmware upgrades in Intersight include both server and infrastructure firmware updates, which can be updated independently. That is, you do not need to upgrade infrastructure firmware to use the latest server firmware and vice versa. For more information on compatibility between infrastructure firmware and server firmware, see [Cross Version Firmware Support](#). For more information on infrastructure firmware updates, see [Release Notes for Cisco Intersight Managed Mode Infrastructure Firmware](#).

Firmware Version Equivalency Between Cisco Intersight, Cisco IMC, and Cisco UCS Manager

For more information, see [Cisco UCS Equivalency Matrix for Cisco Intersight, Cisco IMC, and Cisco UCS Manager](#).

To view the complete matrix in PDF format, click [here](#).

Revision History

The following table includes the change history for this document.

Table 1: Release 6.0

Revision Date	Description
September 02, 2025	<p>Updated release notes for the following Server Firmware Release versions:</p> <ul style="list-style-type: none"> • Cisco UCS X-Series M8, M7, and M6 Server Firmware Release 6.0(1.250120) • Cisco UCS B-Series M6 and M5 Server Firmware Release 6.0(1.250126) • Cisco UCS C-Series M8, M7, and M6 Server Firmware Release 6.0(1.250127) • Cisco UCS C-Series M8 (6.0(1.250127), 6.0(1.250130)), M7 (6.0(1.250127)), and M6 (6.0(1.250127)) Server Firmware Release <p>This release includes updates to:</p> <ul style="list-style-type: none"> • New Hardware in Cisco UCS X-Series M8, M7, M6 6.0(1.250120) and C-Series M8, M7, M6 6.0(1.250127) Server Firmware Release, on page 7 • Security fixes in Cisco UCS X-Series M8, M7, M6 6.0(1.250120), B-Series M6, M5 6.0(1.250126), and C-Series M8, M7, M6 6.0(1.250127) Server Firmware Release, on page 9 • Resolved issues in Cisco UCS C-Series M8, M7, and M6 6.0(1.250127) Server Firmware Release, on page 11 • Open issues in Cisco UCS X-Series M8, M7, M6 6.0(1.250120), B-Series M6, M5 6.0(1.250126), and C-Series M8, M7, M6 6.0(1.250127) Server Firmware Release, on page 13 • Known issues in Cisco UCS C-Series M8, M7, and M6 6.0(1.250127) Server Firmware Release, on page 15



CHAPTER 2

New software features

- [New software features, on page 5](#)

New software features

Intersight software features may not align with the Intersight firmware release schedule. To know more about the latest software features, see the [What's New](#) section in Intersight Help Center.



CHAPTER 3

New hardware features

- [New Hardware in Cisco UCS X-Series M8, M7, M6 6.0\(1.250120\) and C-Series M8, M7, M6 6.0\(1.250127\) Server Firmware Release, on page 7](#)

New Hardware in Cisco UCS X-Series M8, M7, M6 6.0(1.250120) and C-Series M8, M7, M6 6.0(1.250127) Server Firmware Release

- Starting with the Infra Firmware release 6.0(1), Cisco UCS X-Series and C-Series servers support Cisco UCS 6664 Fabric Interconnects.

For more information, see [Release Notes for Cisco Intersight Managed Mode Infrastructure Firmware, Release 6.0](#).

- Support for 30TB 2.5 inch QLC drive has been added on Cisco UCS C225 M8 server.
- Support for Large Form Factor (3.5-inch) Hard Disk Drives has been added on C-Series M8 and C240L M6 servers.



CHAPTER 4

Security fixes

- [Security fixes in Cisco UCS X-Series M8, M7, M6 6.0\(1.250120\), B-Series M6, M5 6.0\(1.250126\), and C-Series M8, M7, M6 6.0\(1.250127\) Server Firmware Release, on page 9](#)

Security fixes in Cisco UCS X-Series M8, M7, M6 6.0(1.250120), B-Series M6, M5 6.0(1.250126), and C-Series M8, M7, M6 6.0(1.250127) Server Firmware Release

This section provides a brief description of the security fixes.

Defect ID - CSCwm98102

The Cisco products UCS B-Series Blade Servers, UCS C-Series Rack Servers and UCS X-Series Compute Nodes may include an optional Trusted Platform Module (TPM) 2.0 that is affected by the vulnerability identified by the following Common Vulnerability and Exposures (CVE) ID:

- **CVE-2025-2884** — TCG TPM2.0 Reference implementation's CryptHmacSign helper function is vulnerable to Out-of-Bounds read due to the lack of validation the signature scheme with the signature key's algorithm. See Errata Revision 1.83 and advisory TCGVRT0009 for TCG standard TPM2.0.

Cisco UCS servers equipped with one of the following optional TPM modules:

- UCSX-TPM2-002
- UCSX-TPM-002C
- UCS-TPM-002D
- UCSX-TPM-002D

The affected third-party software component has been upgraded to a version that includes fixes for the vulnerability. Future versions of the product(s) will not be affected by this vulnerability.



CHAPTER 5

Resolved issues

- Resolved issues in Cisco UCS C-Series M8, M7, and M6 6.0(1.250127) Server Firmware Release, on page 11

Resolved issues in Cisco UCS C-Series M8, M7, and M6 6.0(1.250127) Server Firmware Release

This section provides a brief description of the resolved issues.



Note This software release may contain bug fixes first introduced in other releases. To see additional information, click the bug ID to access the [Cisco Bug Search Tool](#).

Defect ID	Description	First Version Affected	Resolved in Release
CSCwn99720	On Cisco UCS C-Series M8 servers with Intel processors and an R1S CPU configured in a single-CPU setup on the 2-socket platform, Intel SGX remains disabled even after being enabled in the BIOS. This issue does not occur with a dual CPU configuration.	4.3(6.250039)	6.0(1.250127) 4.3(6.250044)



CHAPTER 6

Open issues

- Open issues in Cisco UCS X-Series M8, M7, M6 6.0(1.250120), B-Series M6, M5 6.0(1.250126), and C-Series M8, M7, M6 6.0(1.250127) Server Firmware Release, on page 13

Open issues in Cisco UCS X-Series M8, M7, M6 6.0(1.250120), B-Series M6, M5 6.0(1.250126), and C-Series M8, M7, M6 6.0(1.250127) Server Firmware Release

This section provides a brief description of the open issues.



Note This software release may contain open bugs first identified in other releases. To see additional information, click the bug ID to access the [Cisco Bug Search Tool](#).

Defect ID	Description	Workaround	First Version Affected
CSCwq61388	On Cisco UCS C-Series M6 servers running CIMC 4.3.5 or later, enabling VMD in BIOS with multiple NVME drives can cause storage subsystem initialization to exceed 15 minutes, leading to Intersight Server Profile deployment failures. Disabling VMD or reducing the number of drives can resolve the issue. Earlier firmware versions may not be affected.	<ul style="list-style-type: none">• If VMD is not needed, disable it.• If disabling VMD is not possible, use the minimum number of NVME drives for setup, as more drives slow down system startup.	4.3(5.250001)

Defect ID	Description	Workaround	First Version Affected
CSCwm33093	On Microchip-based storage cards, the Virtual Drive (VD) shows as "Inoperable" even when all disks are online because the firmware automatically changes drive assignments to optimize performance, ignoring user settings from management tools.	Use arcconf output to check drive assignments in spans. Firmware may override management tool settings for better performance.	4.3(5.240134)
CSCwq17020	<p>After installing U3 Micron drives with capacities of 3.8TB or larger in JBOD mode behind the UCSX-X10C-RAIDF controller, Linux OS fails to boot due to BIOS errors related to loading the EFI boot image.</p> <p>This issue occurs specifically on Cisco UCS X-Series M8 servers equipped with Intel® processors and affects multiple Linux distributions. The problem does not occur when the drives are configured in RAID 0. Microsoft Windows® and Linux OS boot successfully on smaller capacity drives or when using RAID 0.</p>	Install the OS on drive configured in RAID.	<p>X210c: 5.4(0.250037)</p> <p>X215c: 5.4(0.250035)</p>



CHAPTER 7

Known issues

- [Known issues in Cisco UCS C-Series M8, M7, and M6 6.0\(1.250127\) Server Firmware Release](#), on page 15

Known issues in Cisco UCS C-Series M8, M7, and M6 6.0(1.250127) Server Firmware Release

This section provides a brief description of the limitations of the Server Firmware Releases. Click the bug ID to access the [Cisco Bug Search Tool](#) and see additional information.

Defect ID	Description	Workaround	First Version Affected
CSCwn95239	<p>On Cisco UCS C-Series servers, the server may fail to power on due to BIOS corruption. The following message is displayed: "Power on failure asserted [Power on Fail, Server failed to power-on]."</p> <p>This issue can occur in the following scenarios, especially when BIOS update operations are disrupted:</p> <ul style="list-style-type: none"> • Interrupting a BIOS flash or update (for example, forcing a power cycle during the update). • Initiating a CMOS clear operation during a BIOS update. • Restoring factory defaults during a BIOS update. • Rebooting Cisco IMC during a BIOS update. • Performing other unexpected operations that disrupt the BIOS update process. 	<p>Do one of these:</p> <ul style="list-style-type: none"> • Reboot of CIMC. In-turn, recovery mechanism will start that is bios activation. • Activate of backup BIOS. • Update and activate BIOS. 	4.3(6.250039)

Defect ID	Description	Workaround	First Version Affected
CSCwo68248	<p>On Cisco UCS C220 M7 and C240 M7 servers running HUU 4.3(3.240xxx) level firmware with 2 PCIe VICs and 1 MLOM VIC, upgrading the server firmware to HUU 4.3(4.xxxxxx), 4.3(5.xxxxxx), 4.3(6.xxxxxx), or later using the Redfish API interface may cause the UCSUpdate task to falsely report an update failure for the PCIe VIC (riser1) through which CiscoCard mode is configured. However, the firmware is actually updated and activated successfully in the background.</p> <p>Note In the mentioned HUU version numbers, "xxxx" represents all versions available within the series.</p>	There is no workaround. Ignore the false failure update.	4.3(3.240043)



CHAPTER 8

Compatibility

- [Cross Version Firmware Support, on page 19](#)
- [Latest Supported Firmware for End-of-Life Intersight Managed Mode Servers, on page 21](#)

Cross Version Firmware Support

X-Series Server Firmware Version	Infrastructure Firmware Version									
	4.1(3)	4.2(1)	4.2(2)	4.2(3)	4.3(2)	4.3(3)	4.3(4)	4.3(5)	4.3(6)	6.0(1)
6.0(1)	N/A	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.4(0)	N/A	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3(0)	N/A	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.2(2)	N/A	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.2(1)	N/A	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.2(0)	N/A	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.1(1)	N/A	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.1(0)	N/A	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.0(4)	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.0(2)	N/A	Yes	Yes	Yes	No	No	No	No	No	No
5.0(1)	N/A	Yes	Yes	Yes	No	No	No	No	No	No

C-Series Server Firmware Version	Infrastructure Firmware Version									
	4.1(3)	4.2(1)	4.2(2)	4.2(3)	4.3(2)	4.3(3)	4.3(4)	4.3(5)	4.3(6)	6.0(1)
6.0(1)	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

4.3(6)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.3(5)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.3(4)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.3(3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.3(2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.3(1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.2(3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.2(2)	Yes	Yes	Yes	Yes	No	No	No	No	No	No
4.2(1)	Yes	Yes	Yes	Yes	No	No	No	No	No	No
4.1(3)	Yes	Yes	Yes	Yes	No	No	No	No	No	No

B-Series Server Firmware Version	Infrastructure Firmware Version									
	4.1(3)	4.2(1)	4.2(2)	4.2(3)	4.3(2)	4.3(3)	4.3(4)	4.3(5)	4.3(6)	6.0(1)
6.0(1)	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.4(0)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3(0)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.2(2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.2(1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.2(0)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.1(0)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.3(3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.3(2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.2(3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.2(2)	Yes	Yes	Yes	Yes	No	No	No	No	No	No
4.2(1)	Yes	Yes	Yes	Yes	No	No	No	No	No	No
4.1(3)	Yes	Yes	Yes	Yes	No	No	No	No	No	No

Latest Supported Firmware for End-of-Life Intersight Managed Mode Servers

Platform	Supported Latest Firmware version
Cisco UCS C-Series M5 (C240)	4.3(2.250021)
Cisco UCS C-Series M5 (C220, C480)	4.3(2.250016)
Cisco UCS C-Series M6 (C220, C240)	6.0(1.250127)
Cisco UCS B-Series M5 (B200, B480)	6.0(1.250126)
Cisco UCS B-Series M6 (B200)	6.0(1.250126)

For more information, see [End-of-Life and End-of-Sale Notices for C-Series Servers](#) and [End-of-Life and End-of-Sale Notices for B-Series Servers](#).



CHAPTER 9

Related resources

- [Related resources, on page 23](#)

Related resources

- [Release Notes and Release Bundles for Cisco Intersight](#)
- [Cisco UCS Equivalency Matrix for Cisco Intersight, Cisco IMC, and Cisco UCS Manager](#)
- [Release Notes for Cisco UCS Manager](#)
- [Release Notes for Cisco UCS Rack Server Software](#)
- [Cisco Baseboard Management Controller Release Notes for Cisco UCS C885A M8 Rack Server](#)
- [Cisco UCS Manager and Intersight Release Strategy](#)

