



Release Notes for Cisco Intersight Unified Edge eCMC Firmware Release, 6.0

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CHAPTER 1

Cisco Intersight Unified Edge eCMC Firmware Release, 6.0

- [Overview, on page 1](#)
- [Revision History, on page 1](#)

Overview

Firmware upgrades in Intersight include server firmware upgrades and infrastructure firmware upgrades. Infrastructure firmware upgrades in Intersight Managed mode is supported on Cisco Unified Edge Edge Chassis Management Controller (eCMC). To manage the eCMC infrastructure firmware, see [Upgrading Firmware for Unified Edge Chassis](#). This feature is available with a Cisco Intersight Essentials or Advanced license tier.

In Intersight, infrastructure and server firmware upgrades can be done independently. That is, you do not always need to upgrade infrastructure firmware to use the latest server firmware and vice versa. For more information on Unified Edge server firmware updates, see [Release Notes for Cisco Intersight Managed Mode Server Firmware](#).

Revision History

The following table shows the online change history for this document.

Revision Date	Description
December 01, 2025	<p>Updated release notes for Cisco Unified Edge eCMC Infrastructure firmware 6.0(1.251005)</p> <p>This release includes updates to:</p> <ul style="list-style-type: none">• New Hardware Features in Infrastructure Firmware Release 6.0(1.251005), on page 3• Open issues in Infrastructure Firmware Release 6.0(1.251005), on page 9 <p>It does not include any security fixes or resolved caveats.</p>



CHAPTER 2

New hardware features

- [New Hardware Features in Infrastructure Firmware Release 6.0\(1.251005\)](#), on page 3

New Hardware Features in Infrastructure Firmware Release 6.0(1.251005)

Cisco UCS XE9305 Chassis

Cisco Unified Edge brings together computing, storage, routing, switching, and security into a single configurable solution to help IT organizations simplify the deployment, operations, and lifecycle management of edge infrastructure at a global scale.

The foundation of Cisco Unified Edge is the Cisco UCS XE9305 modular system. A 3RU, short-depth, multi-mountable chassis, the Cisco UCS XE9305 provides five front-facing slots that can accommodate modules (nodes) that are easy to service and adaptable to deliver a range of capabilities, from computing to storage and networking to security.

The Cisco UCS XE9305 is designed to operate in an extended range of temperatures (5° to 45°C) while maintaining a quiet noise level (40s dBA with 20% fan load at 25°C) and is protected by an optional locking bezel with an independently replaceable air filter, allowing deployments in a wide range of physical spaces and flexible mounting options. High-bandwidth inter-node connectivity is achieved through active-active 25 Gbps switches embedded on the Cisco UCS Edge Chassis Management Controller

Key Features and Benefits

- **Five slots:** 3 RU-high, 17-inch-wide, and 18-inch-deep chassis with five front-facing flexible slots for compute nodes and future modules that may include networking nodes for routing, switching, and secure access service edge (SASE) capabilities.

Compute node support: Support for 1-CPU single-slot compute nodes. For more information, see [Cisco UCS XE130c M8 Compute Node Data Sheet](#).

- **Hot-swappable controllers:** Two hot-swappable Cisco Edge Chassis Management Controllers (eCMCs), forming a unified fabric that provides connectivity between all nodes within the chassis and with upstream networks, and provides local chassis management and a secure control plane connection with Cisco Intersight.

Each eCMC features:

- An embedded 25 Gbps switch with 145 Gbps of switching bandwidth with five rear-facing 25 Gbps switch ports connecting to nodes within the chassis through the chassis mid-plane and two front-panel 10 Gbps SFP+ uplink ports for data traffic.
- One front-panel 1 Gbps RJ-45 uplink port for management traffic.
- Two front-panel USB-C ports for management console and external storage connectivity.
- **Two power supplies:** Two hot-swappable 2400W Titanium Power Supply Units (PSUs) providing N+N (**Grid** mode) redundancy, removable from the front for service via a latching mechanism without special tooling. Non-redundant mode is also supported.
- **Acoustically optimized fans:** Five 80 mm by 56 mm hot-swappable fan modules with acoustically optimized cooling controls, removable from both the top and the rear for service via a latching mechanism without special tooling.
- **Locking bezel:** One optional locking bezel with a separately replaceable air filter covering the entire front of the server, providing protection against physical tampering and filtration against ambient particulate matter.
- **Near Field Communication (NFC) identifier:** NFC capability embedded in the chassis to aid chassis identification, claiming, and troubleshooting when used in conjunction with the Cisco Intersight mobile app.
- **Multiple mounting options:**

Accessories for flexible server mounting options: sliding rail kit for 4-post racks, static mount kit for 2-post racks, brackets for wall mounting, and brackets for shelf mounting (horizontally or vertically positioned).
- **Fabric bandwidth:**
 - Data fabric connectivity to compute nodes of 50 Gbps Ethernet speeds per compute node.
 - Modular eCMC design allows for future hardware upgrades.

For more information, see [Cisco UCS XE9305 Data Sheet](#) and [Release Notes for Cisco Intersight Managed Mode Server Firmware, Release 6.0](#).



CHAPTER 3

Security fixes

- [Security fixes in Release 6.0\(1.251005\) — None, on page 5](#)

Security fixes in Release 6.0(1.251005) — None



CHAPTER 4

Resolved issues

- [Resolved issues in Release 6.0\(1.251005\) — None, on page 7](#)

Resolved issues in Release 6.0(1.251005) — None



CHAPTER 5

Open issues

- [Open issues in Infrastructure Firmware Release 6.0\(1.251005\)](#), on page 9

Open issues in Infrastructure Firmware Release 6.0(1.251005)

This section provides a brief description of the open issues.

Defect ID	Description	Workaround	First Version Affected
CSCwr78089	After replacing an eCMC (controller module hardware), the new unit does not automatically match its firmware version with the other eCMC when that unit is already connected to Intersight. This causes the two controllers to have different firmware versions, leading to a mismatch alarm in Intersight. This issue happens after replacing a single eCMC.	To fix the mismatch, upgrade the controller modules from Intersight (only the one with older software will update), or update the replaced module manually using the command-line interface (CLI), which is a text-based management tool.	6.0(1.251005)



CHAPTER 6

Compatibility

- [Cross-Version Firmware Support, on page 11](#)

Cross-Version Firmware Support

XE-Series Server Firmware Version	eCMC Infrastructure Firmware Version
	6.0(1)
6.0(1)	Yes

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
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CHAPTER 7

Related resources

- [Related resources, on page 15](#)

Related resources

- [Release Notes for Cisco Intersight Unified Edge Server Firmware, Release 6.0](#)
- [Release Notes for Cisco Intersight Unified Edge eCMC Infrastructure Firmware Release, 6.0](#)
- [Release Notes and Release Bundles for Unified Edge](#)

