

Release Notes for Cisco Intersight Infrastructure Firmware, Release 4.3

First Published: 2023-11-15

Last Modified: 2024-04-24

Change in Firmware Version Schema **New**

- Post Infra Firmware release 4.2(3c):
 - The Server Firmware bundle in IIS will bear the version number in a new format instead of the letter format.
 - B-Series Server Firmware version number will be in 5.x series
- With Infra Firmware release 4.3(2), the Infra Firmware bundle in IIS will bear the version number in a new format instead of the letter format.

For example : 4.3(2.230117) , where 23 represents year, 0117 shows the incremental version number.

Overview

Cisco Intersight Infrastructure Services (IIS) enable the streamlined deployment, monitoring, management, and support of physical and virtual infrastructure. IIS supports Cisco Unified Computing System™ (UCS) servers and third-party devices. In addition, IIS provides the following advanced management and support capabilities along with global visibility of infrastructure health and status.

- Telemetry data can be analyzed without any manual intervention when a problem occurs.
- Service Request (SR) and a Return Material Authorization (RMA) are raised automatically.

Intersight Managed Mode (IMM) is a new IIS architecture that manages the UCS Fabric Interconnected systems through a Redfish-based standard model. IMM unifies the capabilities of the UCS Systems and the cloud-based flexibility of Intersight, thus unifying the management experience for the standalone and Fabric Interconnect attached systems.

About the Release Notes

This document contains information on new features, resolved caveats, open caveats, and workarounds for following components:

- FI kernel and system
- Chassis IOM and IFM I/O modules

This document also includes the following:

- Updated information after the documentation was originally published.
- Related firmware and BIOS on blade, rack, and modular servers and other Cisco Unified Computing System (UCS) components associated with the release.

Revision History

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

Revision Date	Description
April 24, 2024	No new Infrastructure Firmware release. C-Series Server Firmware version has been upgraded to 4.3(3.240043). For more information, see Release Notes for Cisco Intersight Server Firmware 4.3 and 5.2 .
April 17, 2024	Updated the Cross Version Firmware Support table.
March 07, 2024	No new Infrastructure Firmware release. C-Series Server Firmware version has been upgraded to 4.3(2.240009). For more information, see Release Notes for Cisco Intersight Server Firmware 4.3 and 5.2 .
February 15, 2024	Updated release notes for Intersight Infrastructure Firmware Release 4.3(3.240007)
January 24, 2023	Updated release notes for Intersight Infrastructure Firmware Release 4.3(2.240002)
November 14, 2023	Updated release notes for Intersight Infrastructure Firmware Release 4.3(2.230129)
August 16, 2023	Created release notes for Intersight Infrastructure Firmware Release 4.3(2.230117)

New Hardware Support

New Hardware Support in Infrastructure Firmware Release 4.3(2.230129)

Support for the following Cisco UCS VIC 15000 Series Secure Boot-enabled mLOM adapters:

- UCSX-ML-V5D200GV2 - Cisco UCS VIC 15230 (2x100G/4x25G) mLOM on X-Series M6 and M7 servers.

- UCSC-M-V5D200GV2 - Cisco UCS VIC 15237 (2x40/100/200G) mLOM adapter on C-Series M6 and M7 servers.
- UCSC-M-V5Q50GV2 - Cisco UCS VIC 15427 (4x10/25/50G) mLOM adapter on C-Series M6 and M7 servers.

For more information, see [Supported Hardware for Intersight Managed Mode](#).

New Hardware Support in Infrastructure Firmware Release 4.3(2.230117)

- Support for the following Cisco UCS VIC 15000 Series Secure Boot-enabled PCIe adapters on Cisco UCS C-Series M6 and M7 servers with server firmware version 4.3(2.230207):
 - UCSC-P-V5D200G - Cisco UCS VIC 15235 2x40/100/200G
 - UCSC-P-V5Q50G - Cisco UCS VIC 15425 4x10/25/50G

For more information, see [Supported Hardware for Intersight Managed Mode](#).

Cross Version Firmware Support

An IMM Server firmware in a domain is supported with a specific IMM Infrastructure firmware version.

The following table shows the supported Server and Infrastructure firmware combinations within an IMM domain. Any additional Infrastructure firmware restrictions are highlighted as a note in the specific [New Hardware Support](#) section.

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)
5.2(1)	N/A	No	No	Yes	Yes	Yes
5.2(0)	N/A	No	No	Yes	Yes	Yes
5.1(1)	N/A	No	No	Yes	Yes	Yes
5.1(0)	N/A	No	No	Yes	Yes	Yes
5.0(4)	N/A	Yes	Yes	Yes	Yes	Yes
5.0(2)	N/A	Yes	Yes	Yes	No	No
5.0(1)	N/A	Yes	Yes	Yes	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(3)	Yes	Yes	Yes	Yes	Yes	Yes
4.3(2)	Yes	Yes	Yes	Yes	Yes	Yes

4.3(1)	Yes	Yes	Yes	Yes	Yes	Yes
4.2(3)	Yes	Yes	Yes	Yes	Yes	Yes
4.2(2)	Yes	Yes	Yes	Yes	No	No
4.2(1)	Yes	Yes	Yes	Yes	No	No
4.1(3)	Yes	Yes	Yes	Yes	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)
5.2(1)	Yes	Yes	Yes	Yes	Yes	Yes
5.2(0)	Yes	Yes	Yes	Yes	Yes	Yes
5.1(0)	Yes	Yes	Yes	Yes	Yes	Yes
4.3(3)	Yes	Yes	Yes	Yes	Yes	Yes
4.3(2)	Yes	Yes	Yes	Yes	Yes	Yes
4.2(3)	Yes	Yes	Yes	Yes	Yes	Yes
4.2(2)	Yes	Yes	Yes	Yes	No	No
4.2(1)	Yes	Yes	Yes	Yes	No	No
4.1(3)	Yes	Yes	Yes	Yes	No	No

Caveats

The open and resolved bugs for a release are accessible through the [Cisco Bug Search Tool](#). This web-based tool provides you with access to the Cisco bug tracking system, which maintains up-to-date information about bugs and vulnerabilities in this product and other Cisco hardware and software products.

Resolved Caveats

Resolved Caveats in Release 4.3(3.240007)

The following table lists the resolved caveats in release 4.3(3.240007).

Defect ID	Description	First Bundle Affected
CSCwb21460	On the Cisco HyperFlex HXAF220 M5 Node (HXAF220C-M5SN), the server firmware upgrade to 4.2(1i) version on multiple Hyperflex servers was unsuccessful due to firmware mismatch.	5.0(1b)

Resolved Caveats in Release 4.3(2.240002)

The following table lists the resolved caveats in release 4.3(2.240002).

Defect ID	Description	First Bundle Affected
CSCwe95417	After updating the firmware to 4.2(2c)A, issues were reported where the Chassis power chart cannot be accessed.	4.2(2c)A
CSCwh67130	The Cisco UCS 6400 Series Fabric Interconnect/Cisco UCSX-I-9108 Intelligent Fabric Module (IFM) connected to the Cisco UCSX-9508 Chassis experienced connectivity issues with the upstream network, despite the network connectivity was stable.	4.2(1i)A
CSCwh86319	Unable to deploy server profile templates or upgrade firmware on Cisco UCS 6400 and 6500 Series Fabric Interconnects. This was due to the accumulation of log files in the sw_trace_logs directory, though there were no alterations made to logger settings.	4.3.2.230117

Resolved Caveats in Release 4.3(2.230129)

The following table lists the resolved caveats in release 4.3(2.230129)

Defect ID	Description	First Bundle Affected
CSCwf52054	After the upgrading to the firmware version 4.2(3d), Cisco UCS 2200, 2300, or 2400 series IOM goes to offline state.	4.2(3d)
CSCwh15315	The third-party Small Form-Factor Pluggable (SFP) goes into unsupported state after upgrading to release 4.2(2a) or later.	4.2(2a)
CSCwh30074	The UCS-FI-6332-16UP experienced an unexpected reboot with a reset reason of <code>vlan_mgr hap reset</code> .	4.2(2c)
CSCwf56305	Cisco UCS VIC 1455 shows incorrect Port enumeration.	4.2(2a)
CSCwf88211	On Cisco UCS X210c M6 and UCS C240 M6 servers, alerts may be generated indicating that the vNIC interface is down: <i>AdapterHostEthInterfaceDown vNIC is not operational</i> . However, the alert has no impact on server communication and other sources report that the interface is operational.	4.2(3h)

Defect ID	Description	First Bundle Affected
CSCwh60769	<p>The DIMM with the label DIMM_PX_X1 triggers a severity warning with Fault code - F0502 indicating the server has an invalid field replaceable unit (FRU).</p> <pre>Severity: Warning Code: F0502 ID: 327373 Status: None Description: DIMM DIMM_PX_X1 on server 1/6 has an invalid FRU Affected Object: sys/chassis-X/blade-X /board/memarray-X/mem-X Name: Memory Unit Identity Unestablishable Cause: Identity Unestablishable</pre>	4.3(2b)
CSCwb82433	Cisco UCS C220 M5 servers equipped with Cisco UCS VIC 1400 series adapter and have Geneve feature enabled, go offline after the Cisco UCS VIC adapters fail to respond.	4.1(3d)
CSCwf91291	<p>The RAID controller in Cisco UCS X210c servers may read incorrect voltage value and mark the battery as dead. This results in the following error:</p> <pre>Battery Backup unit IMM/ chassis-x/server-y/ controller-1/ BBU is marked bad and needs to be replaced</pre>	4.3(2c)

Resolved Caveats in Release 4.3(2.230117)

The following table lists the resolved caveats in release 4.3(2.230117)

Defect ID	Description	First Bundle Affected
CSCvy59090	In a rare event when all the fans are Inoperable and a thermal event occurs, the IOM CMC may shutdown the entire chassis.	4.1(3b)
CSCvf88524	Creating and storing kernel dump on any alternate drive (other than C drive) corrupts the OS even if the Challenge-Handshake Authentication Protocol (CHAP) is enabled in the boot policy and in iSCSI SAN.	4.1(3b)
CSCvh04298	The IOMs connected to an FI no longer reboot unexpectedly due to software-controlled resets.	4.1(3b)

Defect ID	Description	First Bundle Affected
CSCwf00940	<p>UCSX-210C-M6, UCSX-210C-M7, and UCSX-410C-M7 Compute Nodes fail to boot with UCSX-X10C-RAIDF-D/ UCSX-X10C-RAIDF front mezzanine installed, and with the following SEL log:</p> <pre>Platform alert PWR_SEQ_FAIL #0xa5 Predictive Failure asserted Asserted</pre> <p>Power Fault Monitor log: FMEZZ_BLD_CARD_PWRGD TON_MAX Fault</p> <p>Cisco UCS X210c RAID module power good response is high when host is powered on.</p> <p>New Vision PSOC image is released to improve AERO RAID Controller board power good response.</p> <p>The issue is resolved.</p>	4.2(3c)

Open Caveats

Open Caveats in Release 4.3(3.240007) — None

Open Caveats in Release 4.3(2.240002) — None

Related Documentation

Release Notes

- [Release Notes and Release Bundles for Cisco Intersight](#)
- [Release Notes for Cisco UCS Manager](#)
- [Release Notes for Cisco UCS Rack Server Software](#)