Release Notes for Cisco 8255 Secure Router Node Firmware Release, 6.0

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Cisco Intersight Managed Mode Secure Router Node Firmware,6.0

Overview

Cisco UCS 8255 secure router nodes provide integrated Cisco Catalyst Software-Defined Wide Area Network (SD-WAN) routing, security, WAN connectivity, and supported secure router in-band management for Cisco Unified Edge deployments.

Revision History

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

Date	Description
November 09, 2026	Created release notes for Cisco 8255 Secure Router Node Firmware, Release 6.0(2.261099).

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.

New hardware features

New Hardware Features in Release 6.0(2.261099)

The Cisco C8255-G2-UCSXE Secure Router Node is a single-slot node for the Cisco UCS XE9305 Chassis. The chassis supports up to two secure router nodes.

Note: Cisco UCS 8255 secure router node requires the Cisco Intersight Unified Edge eCMC Infrastructure firmware version 6.0(2.261099) or later.

Key features and benefits

- **Form Factor and Chassis**
  - Single-slot secure router node.
  - The Cisco C8255-G2-UCSXE Secure Router Node mounts in a Cisco UCS XE9305 chassis (the chassis supports up to two secure router nodes).
- **Processor Architecture:** Cisco secure networking processor with hardware-accelerated cryptography and deep packet inspection.
- **Front-Panel Network Interfaces (20 ports):**
  - 2x 1/10 GE SFP+ (Optical/Copper WAN uplinks)
  - 4x 2.5 GE Multigigabit RJ-45 (with UPOE+ support up to 90W on designated WAN/high-power ports)
  - 14x 1 GE RJ-45 (with PoE+ support up to 30W for LAN access)
- **Management and Console Interfaces:**
  - 1x 1 GE RJ-45 dedicated Out-of-Band (OOB) Ethernet management port
  - 1x RJ-45 serial console port

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- **Power & PoE Budget:**
  - Powered directly via the UCS XE9305 chassis backplane (no external power cords).
  - 360W total PoE power budget for connected PoE+/UPOE+ endpoint devices.
- **Memory**
  - 16 GB DRAM system memory.
- **Storage**
  - 16 GB
- **Front Indicators**
  - Power button and indicator
  - System activity indicator
  - Location button and indicator
  - Reset button
- **Minimum Software Requirement:**
  - Cisco IOS XE / SD-WAN Release 26.2.1 and Intersight Managed Mode Release 6.0(2).

For more information, refer to the Cisco 8200 Series Secure Routers Data Sheet, Hardware Installation Guide (HIG).

Security fixes

Security fixes in Release 6.0(2.261099)

There are no security fixes in this release.

Resolved issues

Resolved issues in Release 6.0(2.261099)

There are no resolved issues in this release.

Open issues

Open issues in Release 6.0(2.261099)

There are no open issues in this release.

Release bundle contents

Note: The Cisco UCS 8255 Secure Router Node firmware is available as a separate bundle.

Cisco UCS 8255 Secure Router Node bundle for 6.0(2.261099)

The Cisco UCS 8255 Secure Router Node firmware bundle 6.0(2.261099) contains the following images:

Component	Packaged version
Cisco IMC	6.0(2.261051)

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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 for Cisco UCS Server Configuration Utility for Cisco UCS XE Series Servers, Release 7.1

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