



Release Notes for Cisco 8300 Series Secure Routers, Release 17.15.x

Contents

Cisco 8300 Series Secure Routers, Release 17.15.x 3

New hardware features..... 3

Resolved issues 3

Open issues..... 3

Compatibility..... 4

Related resources..... 4

Legal information 5

Cisco 8300 Series Secure Routers, Release 17.15.x

Cisco IOS XE 17.15.3a is the first release for the Cisco 8300 Series Secure Routers in the Cisco IOS XE 17.15.x release series.

Cisco 8300 Series Secure Routers deliver secure networking simplified. Powered by the all-new secure networking processor and the unified Cisco secure networking platform, the Cisco 8300 Series Secure Routers deliver robust, platform-level security, advanced performance engineering thorough routing and SD-WAN, and on-premises, infrastructure-as-code, or cloud management flexibility that enables businesses to seamlessly scale and grow. Each class of secure routers is designed to deliver risk reduction, enhanced reliability, and future readiness.

Cisco 8300 Series Secure Routers are engineered for large branch locations and provide scalable, high-throughput connectivity with embedded platform-level security. With hardware-native assurance, post-quantum cryptography, and unified infrastructure as code, the Cisco 8300 Series enables large branches to support bandwidth-intensive applications and evolving threat landscapes with confidence.

For information on the hardware features supported on the Cisco 8300 Series Secure Routers, refer to the Cisco 8300 Series Secure Routers [datasheet](#).

New hardware features

This section provides a brief description of the new hardware features introduced in this release.

New hardware features for Cisco IOS XE 17.15.3a

Table 1. New hardware features for Cisco 8300 Series Secure Routers, Release 17.15.3a

Feature	Description
Cisco 8300 Series Secure Routers.	From Cisco IOS XE17.15.3a, Cisco Secure Series Routers are available in these models: C8375-E-G2

Resolved issues

This table lists the resolved issues in this specific software release.

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](#). To search for a documented Cisco product issue, type in the browser: <bug_number> site:[cisco.com](#).

Resolved issues in Cisco IOS XE 17.15.3a

There are no customer impacting bugs that were fixed in this release.

Open issues

This table lists the open issues in this specific software release.

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](#). To search for a documented Cisco product issue, type in the browser: <bug_number> site:[cisco.com](#).

Open issues in Cisco IOS XE 17.15.3a

Table 2. Open issues for Cisco 8300 Series Secure Routers, Release 17.15.3a

Bug ID	Description
CSCwm08691	Upgrade from 17.15 to 17.16, CRC error interwork with router.
CSCwo49208	EL3 Exception seen when remove Cessna with traffic running.

Compatibility

ROMMON compatibility matrix

The table lists the ROMMON releases supported in Cisco IOS XE 17.15.x releases.

Platforms	Cisco IOS XE Release	Minimum ROMMON Release supported for IOS XE	Recommended ROMMON Release supported for IOS XE
C8375-E-G2	17.15.3a	17.15(3.1r)	17.15(3.1r)

Upgrade ROMMON

To upgrade the ROMMON version of your device, use these steps:

1. Check the existing version of ROMMON by using **show rom-monitor r0** command. If you are installing Cisco IOS XE software on a new device, skip this step.
2. Review ROMMON Compatibility Matrix to identify the recommended version of ROMMON software for the device you plan to upgrade.
3. Go to <https://software.cisco.com/#> and download the ROMMON package file.
4. Copy the ROMMON file to flash drive:
copy ftp://username:password@IP addressROMmon package file flash:
5. Upgrade the ROMMON package using the following command:
upgrade rom-monitor filename bootflash:ROMmon package name all
6. Execute **reload** command to complete the ROMMON upgrade process.
7. Execute **show rom-monitor r0** command to ensure the ROMMON software is upgraded.

Related resources

- [Hardware Installation Guide for Cisco 8300 Series Secure routers](#)
- Smart Licensing Using Policy for Cisco Enterprise Routing Platforms
- [Cisco 8300 Series Secure Routers Software Configuration Guide](#)

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