Release Notes for Cisco ESR 6300 Router - (Cisco IOS XE 17.15.x)

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Introduction to this Document

This Release Notes document provides information about the Cisco ESR6300 Embedded Series Router running .

This document describes the new features, limitations, troubleshooting, besides providing recommended configurations, caveats, and information on how to obtain support and documentation.

Product References

For more information about Cisco ESR6300 Embedded Series Router, see:

- Cisco ESR6300 Embedded Series Router Data Sheet

New Features in Cisco IOS XE 17.15.x

There are no new features introduced in the Cisco IOS XE 17.15.6 release.

There are no new features introduced in the Cisco IOS XE 17.15.5a release.

There are no new features introduced in the Cisco IOS XE 17.15.4 release.

There are no new features introduced in the Cisco IOS XE 17.15.3 release.

There are no new features introduced in the Cisco IOS XE 17.15.2c release.

There are no new features introduced in the Cisco IOS XE 17.15.1a release.

Interface Naming Conventions

This section shows the names of the interfaces on Cisco ESR6300 Series routers on each port.

Table 1: Interface Naming Conventions on Cisco ESR6300 Series Routers

Port	Naming Convention
Gigabit Ethernet combo port WAN Layer3	GigabitEthernet0/0/0 GigabitEthernet0/0/1

Port	Naming Convention
Gigabit Ethernet LAN Layer 2 ports	GigabitEthernet0/1/0 GigabitEthernet0/1/1 GigabitEthernet0/1/2 GigabitEthernet0/1/3
Cellular Interface	Cellular0/3/0 Cellular0/3/1
USB Port	usbflash0: (IOS and rommon)
Console Port	Line console 0
Serial Port	Async0/2/0

Software Images for Cisco IOS XE Release 17.15.x

Note You must have a cisco.com account and a valid entitlement to download the software.

The most recent software updates for routers are available on the Software Downloads page. Choose the product associated with your specific device to access the corresponding software.

Table 2: Software Images for Cisco IOS XE Release 17.15.6

Image Type	Filename
Universal	c6300-universalk9.17.15.06.SPA.bin

Table 3: Software Images for Cisco IOS XE Release 17.15.5a

Image Type	Filename
Universal	c6300-universalk9.17.15.05a.SPA.bin

Table 4: Software Images for Cisco IOS XE Release 17.15.4

Image Type	Filename
Universal	c6300-universalk9.17.15.04.SPA.bin

Table 5: Software Images for Cisco IOS XE Release 17.15.3

Image Type	Filename
Universal	c6300-universalk9.17.15.03.SPA.bin

Table 6: Software Images for Cisco IOS XE Release 17.15.2c

Image Type	Filename
Universal	c6300-universalk9.17.15.02c.SPA.bin

Table 7: Software Images for Cisco IOS XE Release 17.15.1a

Image Type	Filename
Universal	c6300-universalk9.17.15.01a.SPA.bin

Known Limitations

This release has the following limitations or deviations from expected behavior. These limitations are listed below by router type.

Smart Licensing

Starting with Cisco IOS XE 17.6.1, with the introduction of Smart Licensing Using Policy, even if you configure a hostname for a product instance or device, only the Unique Device Identifier (UDI) is displayed. This change in the display can be observed in all licensing utilities and user interfaces where the hostname was displayed in earlier releases. It does not affect any licensing functionality. There is no workaround for this limitation.

The licensing utilities and user interfaces that are affected by this limitation include only the following: Cisco Smart Software Manager (CSSM), Cisco Smart License Utility (CSLU), and Smart Software Manager On-Prem (SSM On-Prem).

Caveats

Caveats describe unexpected behavior in Cisco IOS XE releases. Caveats listed as open in a prior release are carried forward to the next release as either open or resolved.

The Cisco Bug Search Tool (BST) is a gateway to the Cisco bug-tracking system, which maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. The BST provides you with detailed defect information about your products and software.

Open Caveats in Cisco IOS XE 17.15.6

To view the details of a caveat, click on the identifier.

Identifier	Description
CSCws68355	NVRAM Header Corruption on Power Cycle on IR8100, IR1101 and C6300 devices

Resolved Caveats in Cisco IOS XE 17.15.6

There are no resolved caveats in this release.

Open Caveats in Cisco IOS XE 17.15.5a

There are no open caveats in this release.

Resolved Caveats in Cisco IOS XE 17.15.5a

There are no resolved caveats in this release.

Open Caveats in Cisco IOS XE 17.15.4

To view the details of a caveat, click on the identifier.

Identifier	Description
CSCwn97079	Intermittent system report generated on boot sequence for linux iosd

Resolved Caveats in Cisco IOS XE 17.15.4

To view the details of a caveat, click on the identifier.

Identifier	Description
CSCwo24897	ESR6300 with SLR does not install 2G or uncapped license after reload.

Open Caveats in Cisco IOS XE 17.15.3

To view the details of a caveat, click on the identifier.

Identifier	Description
CSCwn97079	Intermittent system report generated on boot sequence for linux iosd

Resolved Caveats in Cisco IOS XE 17.15.3

There are no resolved caveats in this release.

Open Caveats in Cisco IOS XE 17.15.2c

There are no open caveats in this release.

Resolved Caveats in Cisco IOS XE 17.15.2c

There are no resolved caveats in this release.

Open Caveats in Cisco IOS XE 17.15.1a

There are no open caveats in this release.

Resolved Caveats in Cisco IOS XE 17.15.1a

Identifier	Description
CSCwk45528	Enters to ROMMON with any key

Related Documentation

Cisco ESR6300 Embedded Series Router

ESR6300 documentation landing page

Product Independent Documentation

Cisco Industrial Routers and Industrial Wireless Access Points Antenna Guide

Cisco IOS XE 17.x

Cisco SD-WAN

Cisco IoT Field Network Director

Cisco Industrial Network Director

Communications, Services, and Additional Information

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- To discover and browse secure, validated enterprise-class apps, products, solutions, and services, visit Cisco DevNet.
- To obtain general networking, training, and certification titles, visit Cisco Press.
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