



Release Note for the Cisco Catalyst IE 3200, 3300, and 3400 Rugged, and ESS 3300 Industrial Ethernet Series Switches, Cisco IOS XE 16.11.x

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Introduction

Cisco IOS XE release 16.11 provides enhanced support for Cisco Internet of Things (IoT) Switches.

For more information, see the [Cisco Catalyst IE 3200, 3300, Rugged Series, Cisco IOS XE 16.11.1 Software Configuration Guide](#).

New and Changed Information

Cisco Catalyst IE 3200 and 3300 Rugged Series Switches

The Cisco Catalyst IE 3x00 Series Switch is our next generation modular din rail Switching platform.

Cisco IOS XE Release 16.11.1

New Software Features in IOS XE Release 16.11

Release 16.11 introduces the following new software features for IoT Devices:

- FastREP
- MODBUS
- Routed port support
- Programmability
- Packet Capturer
- Install Boot Support
- SUDI 2099, Software LED, Uplink 100MB SFP, Advanced Fiber Support
- Smart Licensing
- Advanced Fiber Module Support
- Locate switch

Open Caveats

This section contains open caveats for this release.

Table 1: Open Caveats

ID	Description
CSCvn36279	High CPU utilization observed IE3x00 when netflow policy is enabled
CSCvn05039	IP traffic is not getting accounted - sh ip traffic interface < interface >.
CSCvo33868	No end-to-end link link w/ GLC-T, need shut/no shut (IE3200 uplinks)
CSCvo47740	Device does not adhere to its policy-map when oversubscribed
CSCvn03496	Console hangs for few seconds while converting range of ports as routed ports
CSCvo70264	REP - High IOS convergence is seen on hellcat's Ten Gig Ports & FastRep convergence issue

Resolved Caveats

This section contains resolved caveats for this release.

Table 2: Resolved Caveats

ID	Description
CSCvj23732	100 MB SFP insertion/removal issues with uplinks on some boards
CSCvk50345	REP: Unable to configure admin vlan per segment.
CSCvm08873	ARP probes generated by Device tracking feature wouldn't be unicast.
CSCvm15299	Applying ACLs on EtherChannel/PortChannel/LAG interfaces is not blocked. Yet has no effect.
CSCvm87839	Incomplete and duplicate info in \"show version installed\" output.
CSCvn12760	STP and REP links are flapping or broken when traffic rate is greater than configured priority rate.
CSCvn18381	Some express setup temporary config remain present even after quick disconnection of cable.
CSCvn18610	Device classifier with snooping features (IGMP,MLD,DHCP) will drop respective control packets.
CSCvn25837	After ExpressSetup, Gi1/3 continues to retain mode access, ip arp inspection commands after reload.
CSCvn26244	Industrial special QoS egress classification is missing in cisco-ie-global policy.
CSCvn26272	QoS egress bandwidth allocation and EF flow put into low priority queue.
CSCvn31888	REP interface bounces with high CPU utilization.
CSCvn36229	SG: Subint programming on standby shows ERRORed out post switchover.

Cisco IOS XE Release 16.11.1a

New Software Features in IOS XE Release 16.11.1a

Release 16.11.1a introduces support for the following new IoT Devices:

- Catalyst IE 3400 Fiber Adv Exp Module (IEM-3400-8S=)
- Catalyst IE 3400 GE Adv Exp Module(IEM-3400-8T=)
- IE 3400 Non PoE PID (IE-3400-8T2S-E)

Open Caveats

This section contains open caveats for this release.

Table 3: Open Caveats

ID	Description
CSCvo08000	Jumbo frames not working on Advanced SKU.
CSCvo36953	Petra: Show inventory details needs to be unique for Adv Non-poe
CSCvo56242	Traceback seen after express setup in IE3400-8T2S
CSCvp12893	initial configuration dialog option not received when boot with emgy0 partition

Resolved Caveats

There are no resolved caveats for the 16.11.1a release.

For caveats resolved in the 16.11.1 release, see [Release Note for the Cisco Catalyst IE 3200 and 3300 Rugged, and ESS 3300 Industrial Ethernet Series Switches, Cisco IOS XE 16.11.1](#).

Important Note

Multicast traffic not registered with the switch will be distributed to every port.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see [What's New in Cisco Product Documentation](#) .

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the [What's New in Cisco Product Documentation RSS feed](#) . The RSS feeds are a free service.

Cisco Support

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- Visit the Cisco Support site at <http://support.cisco.com/> .
- Email Cisco Support at tac@cisco.com.
- Call Cisco Support at 1.408.526.7209 or 1.800.553.2447.

