

# 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

---

**First Published:** 2019-04-23

**Last Modified:** 2024-04-04

## 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
<a href="#">CSCvn36279</a>	High CPU utilization observed IE3x00 when netflow policy is enabled
<a href="#">CSCvn05039</a>	IP traffic is not getting accounted - sh ip traffic interface < interface >.
<a href="#">CSCvo33868</a>	No end-to-end link link w/ GLC-T, need shut/no shut (IE3200 uplinks)
<a href="#">CSCvo47740</a>	Device does not adhere to its policy-map when oversubscribed
<a href="#">CSCvn03496</a>	Console hangs for few seconds while converting range of ports as routed ports
<a href="#">CSCvo70264</a>	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
<a href="#">CSCvj23732</a>	100 MB SFP insertion/removal issues with uplinks on some boards
<a href="#">CSCvk50345</a>	REP: Unable to configure admin vlan per segment.
<a href="#">CSCvm08873</a>	ARP probes generated by Device tracking feature wouldn't be unicast.
<a href="#">CSCvm15299</a>	Applying ACLs on EtherChannel/PortChannel/LAG interfaces is not blocked. Yet has no effect.
<a href="#">CSCvm87839</a>	Incomplete and duplicate info in "show version installed" output.
<a href="#">CSCvn12760</a>	STP and REP links are flapping or broken when traffic rate is greater than configured priority rate.
<a href="#">CSCvn18381</a>	Some express setup temporary config remain present even after quick disconnection of cable.
<a href="#">CSCvn18610</a>	Device classifier with snooping features (IGMP,MLD,DHCP) will drop respective control packets.
<a href="#">CSCvn25837</a>	After ExpressSetup, Gi1/3 continues to retain mode access, ip arp inspection commands after reload.
<a href="#">CSCvn26244</a>	Industrial special QoS egress classification is missing in cisco-ie-global policy.
<a href="#">CSCvn26272</a>	QoS egress bandwidth allocation and EF flow put into low priority queue.
<a href="#">CSCvn31888</a>	REP interface bounces with high CPU utilization.
<a href="#">CSCvn36229</a>	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
<a href="#">CSCvo08000</a>	Jumbo frames not working on Advanced SKU.
<a href="#">CSCvo36953</a>	Petra: Show inventory details needs to be unique for Adv Non-poe
<a href="#">CSCvo56242</a>	Traceback seen after express setup in IE3400-8T2S
<a href="#">CSCvp12893</a>	initial configuration dialog option not received when boot with emgy0 partition

## Resolved Caveats

There are no resolved caveats for the 16.11.1a release.

## 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

If you have any questions or require assistance, please contact Cisco Support:

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

