



Release Notes for Cisco ASR 920 Series Aggregation Services Router, Cisco IOS XE Dublin 17.11.x

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CHAPTER 1

Introduction

This release notes contain information about the Cisco ASR 920 Series Aggregation Services Routers, provides new and changed information for these routers, hardware support, limitations and restrictions, and caveats.



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This release notes provides information for these variants of the Cisco ASR 920 Series Routers:

- ASR-920-12CZ-A
- ASR-920-12CZ-D
- ASR-920-4SZ-A
- ASR-920-4SZ-D
- ASR-920-10SZ-PD
- ASR-920-24SZ-IM
- ASR-920-24SZ-M
- ASR-920-24TZ-M
- ASR-920-12SZ-IM
- ASR-920-12SZ-A
- ASR-920-12SZ-D
- ASR 920-8S4Z-PD
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Cisco ASR 920 Series Routers Overview

The Cisco ASR 920 Series Aggregation Services Routers provide a comprehensive and scalable set of Layer 2 and Layer 3 VPN services in a compact package. They are temperature-hardened, small form factor, with high throughput and low power consumption ideal for mobile backhaul, business services and residential voice, video, and data ("triple-play") applications.

Feature Navigator

Use the Cisco Feature Navigator to find information about feature, platform, and software image support. To access the Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on cisco.com is not required.

Feature Matrix

The feature matrix lists the features supported for each platform. For more information, see the [Cisco ASR 920 Series Aggregation Services Routers Feature Compatibility Matrix](#).

The cumulative [Feature Compatibility Release Matrix](#) is available on Content Hub.

Software Licensing Overview

Starting with Cisco IOS XE Cupertino 17.7.1, PAK licenses are no longer available. When you purchase the Cisco IOS XE Cupertino 17.7.1 release or later, Smart Licensing is enabled by default. We recommend that you move to Smart Licensing before upgrading to Cisco IOS XE Cupertino 17.7.1 or a higher release, for a seamless experience.

If you are using Cisco IOS XE Bengaluru 17.6.1 or an earlier release version, Smart Licensing is not enabled by default. To enable Smart Licensing, see [Software Activation Configuration Guide \(Cisco IOS XE ASR 920 Routers\)](#).

The router offers the following base licenses:

- Metro Services
- Metro IP Services
- Advanced Metro IP access

- SDM Video Template

Table 1: Cisco ASR 920 Software Licenses Feature Set

Metro Services	Metro IP Services	Metro Aggregation Services
—	Includes all features in Metro Services	Includes all features in Metro IP Services
QoS, with deep buffers and hierarchical QoS (HQoS)	IP routing (RIP, OSPF, EIGRP, BGP, IS-IS)	MPLS (LDP and VPN)
Layer 2: 802.1d, 802.1q	PIM (SM, DM, SSM), SSM mapping	MPLS TE and FRR
Ethernet Virtual Circuit (EVC)	BFD	MPLS OAM
Ethernet OAM (802.1ag, 802.3ah)	Multi-VRF CE (VRF lite) with service awareness (ARP, ping, SNMP, syslog, trace-route, FTP, TFTP)	MPLS-TP
Multiple Spanning Tree (MST) and Resilient Ethernet Protocol (REP)	IEEE 1588-2008 Ordinary Slave Clock and Transparent Clock	Pseudowire emulation (EoMPLS, CESoPSN, and SAToP)
Synchronous Ethernet	—	VPLS and HVPLS
IPv4 and IPv6 host connectivity	—	Pseudowire redundancy
—	—	MR-APS and mLACP

The router offers the following additional feature licenses:

- ATM
- IEEE 1588-2008 Boundary Clock/Master Clock
- OC-x Port License

Determining the Software Version

Use the following commands to verify your software version:

- Consolidated Package— **show version**

Table 2: ROMMON Version

PIDs	ROMMON
ASR-920-12SZ-A , ASR-920-12SZ-D	15.6(54r)S
ASR-920-12SZ-IM	15.6(54r)S

PIDs	ROMMON
ASR-920-12CZ-A, ASR-920-12CZ-D, ASR-920-4SZ-A, ASR-920-4SZ-D, ASR-920-10SZ-PD, ASR-920-24SZ-IM, ASR-920-24SZ-M, ASR-920-24TZ-M, and ASR920-8S4Z-PD	15.6(56r)S

Upgrading to a New Software Release

Only the latest consolidated packages can be downloaded from Cisco.com; users who want to run the router using individual subpackages must first download the image from Cisco.com and extract the individual subpackages from the consolidated package.

For information about upgrading to a new software release, see the [Upgrading the Software on the Cisco ASR 920 Series Routers](#).

Upgrading the FPD Firmware

FPD Firmware packages are bundled with the software package. FPD upgrade is automatically performed on the router.

If you like to manually change the FPD Firmware software, use the **upgrade hw-module subslot 0/0 fpd bundle** to perform FPD firmware upgrade.

Supported HoFPGA and ROMMON Versions

The tables below list the HoFPGA and ROMMON version of the software releases.

Table 3: HoFPGA and ROMMON Versions for the Cisco ASR-920-12CZ-A, ASR-920-12CZ-D, ASR-920-4SZ-A, ASR-920-4SZ-D, ASR-920-10SZ-PD, and ASR 920-8S4Z-PD

Release	HoFPGA Version	ROMMON Version
Cisco IOS XE Amsterdam 17.1.x	0X00040043 (BFD/default template) 0x00020009 (Netflow template)	15.6(32r)S
Cisco IOS XE Amsterdam 17.3.1	0X00020009	15.6(43r)S
Cisco IOS XE Amsterdam 17.3.2	0X00020009	15.6(43r)S
Cisco IOS XE Bengaluru 17.4.1	0X00040044 (BFD/default template)	15.6(44r)S
Cisco IOS XE Bengaluru 17.5.1	0X00040044 (BFD/default template)	15.6(44r)S
Cisco IOS XE Bengaluru 17.6.1	0X00040044	15.6(48r)S

Release	HoFPGA Version	ROMMON Version
Cisco IOS XE Bengaluru 17.6.2	0X00040044	15.6(48r)S
Cisco IOS XE Cupertino 17.7.1	0X00040044	15.6(48r)S
Cisco IOS XE Cupertino 17.8.1	0X00040044	15.6(48r)S
Cisco IOS XE Dublin 17.10.1	0X00040044	15.6(56r)S
Cisco IOS XE Dublin 17.11.1a	0X00040044	15.6(56r)S

Table 4: HoFPGA and ROMMON Versions for the Cisco ASR-920-24SZ-IM, ASR-920-24SZ-M, and ASR-920-24TZ-M

Release	HoFPGA Version	ROMMON Version
Cisco IOS XE Amsterdam 17.1.x	0x00030014 (BFD/default template) 0x00030014 (Netflow template)	15.6(32r)S
Cisco IOS XE Amsterdam 17.3.1	0X00030014	15.6(43r)S
Cisco IOS XE Amsterdam 17.3.2	0X00030014	15.6(43r)S
Cisco IOS XE Bengaluru 17.4.1	0X00030016	15.6(44r)S
Cisco IOS XE Bengaluru 17.5.1	0X00040019	15.6(44r)S
Cisco IOS XE Bengaluru 17.6.1	0X0004001b	15.6(48r)S
Cisco IOS XE Bengaluru 17.6.2	0X0004001b	15.6(48r)S
Cisco IOS XE Cupertino 17.7.1	0X0004001b	15.6(48r)S
Cisco IOS XE Cupertino 17.8.1	0X0004001b	15.6(48r)S
Cisco IOS XE Dublin 17.10.1	0X0004001b	15.6(56r)S
Cisco IOS XE Dublin 17.11.1a	0X0004001b	15.6(56r)S

Table 5: HoFPGA and ROMMON Versions for the Cisco ASR-920-12SZ-IM

Release	HoFPGA Version	ROMMON Version
Cisco IOS XE Amsterdam 17.1.x	0x0003001B (BFD/default template) 0x00020008 (Netflow template)	15.6(24r)S
Cisco IOS XE Amsterdam 17.3.1	0X0003001b	15.6(43r)S
Cisco IOS XE Amsterdam 17.3.2	0X0003001b	15.6(43r)S
Cisco IOS XE Bengaluru 17.4.1	0X0003001e	15.6(43r)S

Release	HoFPGA Version	ROMMON Version
Cisco IOS XE Bengaluru 17.5.1	0X0003001e	15.6(43r)S
Cisco IOS XE Bengaluru 17.6.1	0X0003001e	15.6(46r)S
Cisco IOS XE Bengaluru 17.6.2	0X0003001e	15.6(46r)S
Cisco IOS XE Cupertino 17.7.1	0x0003001e	15.6(46r)S
Cisco IOS XE Cupertino 17.8.1	0x0003001e	15.6(46r)S
Cisco IOS XE Dublin 17.10.1	0X0003001e	15.6(54r)S
Cisco IOS XE Dublin 17.11.1a	0X0003001e	15.6(54r)S

Table 6: HoFPGA and ROMMON Versions for the Cisco ASR-920-12SZ-A and ASR-920-12SZ-D

Release	HoFPGA Version	ROMMON Version
Cisco IOS XE Amsterdam 17.1.x	0x00010039 (BFD/default template) 0x10000007 (Netflow template)	15.6(29r)S
Cisco IOS XE Amsterdam 17.3.1	0X10000008	15.6(43r)S
Cisco IOS XE Amsterdam 17.3.2	0X10000008	15.6(43r)S
Cisco IOS XE Bengaluru 17.4.1	0X00010040 (BFD/default template)	15.6(43r)S
Cisco IOS XE Bengaluru 17.5.1	0X10000008	15.6(43r)S
Cisco IOS XE Bengaluru 17.6.1	0X10000008	15.6(46r)S
Cisco IOS XE Bengaluru 17.6.2	0X00020043	15.6(46r)S
Cisco IOS XE Cupertino 17.7.1	0X00020043	15.6(46r)S
Cisco IOS XE Cupertino 17.8.1	0X00020043	15.6(46r)S
Cisco IOS XE Dublin 17.10.1	0X00020043	15.6(54r)S
Cisco IOS XE Dublin 17.11.1a	0X00020043	15.6(54r)S

Table 7: IM FPGA Versions for the Cisco ASR-920-24SZ-IM

Release	Gigabit Ethernet Interface Module (Phase 1) FPGA	Gigabit Ethernet Interface Module (Phase2) FPGA	8 T1/E1	16 T1/E1	32 T1/E1
Cisco IOS XE Amsterdam 17.1.x	0.49	69.24	0.54	0.54	0.46
Cisco IOS XE Amsterdam 17.3.1	0.49	69.24	0.54	0.54	0.46
Cisco IOS XE Amsterdam 17.3.2	0.75	N/A	N/A	0.54	0.46
Cisco IOS XE Bengaluru 17.4.1	0.75	N/A	N/A	0.54	0.46
Cisco IOS XE Bengaluru 17.5.1	0.75	N/A	N/A	0.54	0.46
Cisco IOS XE Bengaluru 17.6.1	0.75	69.24	0.54	0.54	0.46
Cisco IOS XE Bengaluru 17.6.2	0.75	69.24	0.54	0.54	0.46
Cisco IOS XE Cupertino 17.7.1	0.75	69.24	0.54	0.54	0.46
Cisco IOS XE Cupertino 17.8.1	0.75	69.24	0.54	0.54	0.46
Cisco IOS XE Dublin 17.10.1	0.75	69.24	0.54	0.54	0.46
Cisco IOS XE Dublin 17.11.1a	0.75	69.24	0.54	0.54	0.46

Table 8: IM FPGA Versions for the Cisco ASR-920-12SZ-IM

Release	Gigabit Ethernet Interface Module (Phase 1) FPGA	Gigabit Ethernet Interface Module (Phase2) FPGA	8 T1/E1	16 T1/E1	32 T1/E1
Cisco IOS XE Amsterdam 17.1.x	0.49	69.24	0.54	0.54	0.46
Cisco IOS XE Amsterdam 17.3.1	0.49	69.24	0.54	0.54	0.46
Cisco IOS XE Amsterdam 17.3.2	0.75	N/A	N/A	0.54	0.46
Cisco IOS XE Bengaluru 17.4.1	0.75	N/A	N/A	0.54	0.46
Cisco IOS XE Bengaluru 17.5.1	0.75	N/A	N/A	0.54	0.46
Cisco IOS XE Bengaluru 17.6.1	0.75	69.24	0.54	0.54	0.46
Cisco IOS XE Bengaluru 17.6.2	0.75	69.24	0.54	0.54	0.46
Cisco IOS XE Cupertino 17.7.1	0.75	69.24	0.54	0.54	0.46
Cisco IOS XE Cupertino 17.8.1	0.75	69.24	0.54	0.54	0.46
Cisco IOS XE Dublin 17.10.1	0.75	69.24	0.54	0.54	0.46
Cisco IOS XE Dublin 17.11.1a	0.75	69.24	0.54	0.54	0.46

Restrictions and Limitations



Note The error message "PLATFORM-1-NOSPACE: SD bootflash : no space alarm assert" may occur in the following scenarios:

- Any sector of SD Card gets corrupted
- Improper shut down of router
- power outage.

This issue is observed on platforms which use EXT2 file systems.

We recommend performing a reload of the router. As a result, above alarm will not be seen during the next reload due to FSCK(file systems check) execution.

However, If the error persists after a router reload, we recommend to format the bootflash or FSCK manually from IOS.

-
- Embedded Packet Capture (EPC) is not supported on ASR 920 routers.
 - The **default** *command-name* command is used to default the parameters under that interface. However, when speed is configured on the interface, the following error is displayed:

```
Speed is configured. Remove speed configuration before enabling auto-negotiation
```
 - For VCoP, only SFP-T3F-SATOP-I is supported.
 - Adding or deleting the Trunk Ethernet flow points (TEFPs) with scaled bridge-domain, without delay causes the Cisco ASR 920 Series router to crash.
 - Virtual services should be deactivated and uninstalled before performing replace operations.
 - The Cisco ASR920 Series Routers no longer support the controller and nid-controller commands for the Cisco ME1200 switch.
 - The following interface modules (IMs) do not require the activation command for IM boot up, provided no other IM is activated in subslot 0/1 before.

However, if an IM was activated in the system earlier, deactivate the previously-activated IM before inserting a new IM in system.

- 16-Port T1/E1 Interface Module
- 32-Port T1/E1 Interface Module
- 8-Port T1/E1 Interface Module
- 4-port OC3/STM-1 (OC-3) or 1-port OC12/STM-4 (OC-12) Interface Module
- 14-Port Serial Interface Module
- 6-Port E and M Interface Module
- 4-Port C37.94 Interface Module

- RS422 works on ports from 0 to 7 only.
- The frame drops may occur for packets with packet size of less than 100 bytes, when there is a line rate of traffic over all 1G or 10G interfaces available in the system. This restriction is applicable only on RSP2 module and ASR 920 platform, and is not applicable for RSP3 module.
- MPLS VC label packet with time-to-live (TTL) value of 2 is dropped at egress MPLS PE device due to ASIC limitations. During PHP process, MPLS TTL value for the VC label is decremented by one with implicit-null. The VC label-related TTL value is set to 255 while imposing the VC label due to multiple VC switching scenarios.

Use the **no mpls ip propagate-ttl** command as the Short Pipe mode for the required label.

- Interface naming is from right to left. For more information, see the Cisco ASR 920 Software Configuration Guide .
- Packet size greater than 1460 is not supported over IPsec Tunnel.
- Minimal traffic drop might be seen for a moment when higher rate traffic is sent through the IPsec tunnels for the first time.
- One Ternary Content-Addressable Memory (TCAM) entry is utilized for Segment Routing Performance Measurement. This is required for the hardware timestamping to function.
- While performing an auto upgrade of ROMMON, only primary partition is upgraded. Use the **upgrade rom-mon filename** command to upgrade the secondary partition of the ROMMON. However, the router can be reloaded during the next planned reload to complete the secondary ROMMON upgrade.
- Some router models are not fully compliant with all IETF guidelines as exemplified by running the pyang tool with the lintflag. The errors and warnings exhibited by running the pyang tool with the lint flag are currently non-critical as they do not impact the semantic of the models or prevent the models from being used as part of the toolchains. A script is provided, **check-models.sh**, which runs pyang with lint validation enabled, but ignoring certain errors. This allows the developer to determine what issues may be present.
- If IPv6 Global IP is configured as the BFD peer, and if the interface goes down, a VRRP flap may occur. This may occur because, VRRP works on the basis of Link-local IP and not global IP. As a result, VRRP flaps on the previously backed up device and prints a DAD message.

Additional References

Product Information

- [Cisco ASR 920 Series Aggregation Services Router Data Sheets](#)

Hardware Installation Guides

- [Cisco ASR 920 Series Aggregation Services Router Hardware Guides](#)

Software Configuration Guides

- [Cisco ASR 920 Series Aggregation Services Router Configuration Guides](#)

Regulatory Compliance and Safety Information

- [Regulatory Compliance and Safety Information for the Cisco ASR 920 Series Aggregation Services Routers](#)

Field Notices and Bulletins

- Field Notices—We recommend that you view the field notices for this release to determine whether your software or hardware platforms are affected. You can find field notices at http://www.cisco.com/en/US/support/tsd_products_field_notice_summary.html.
- Bulletins—You can find bulletins at http://www.cisco.com/en/US/products/sw/iosswrel/ps5012/prod_literature.html.

MIB Support

To view supported MIB, go to <http://tools.cisco.com/ITDIT/MIBS/MainServlet>.

Accessibility Features in the Cisco ASR 920 Series Routers

For a list of accessibility features in Cisco ASR 920 Series Routers, see the [Voluntary Product Accessibility Template \(VPAT\)](#) on the Cisco website, or contact accessibility@cisco.com.

All product documents are accessible except for images, graphics, and some charts. If you would like to receive the product documentation in audio format, braille, or large print, contact accessibility@cisco.com.

End-of-Life and End-of-Sale Notices

For End-of-Life and End-of-Sale Notices for the Cisco ASR 920 Series Routers, see <http://www.cisco.com/c/en/us/products/routers/asr-920-series-aggregation-services-router/eos-eol-notice-listing.html>.



CHAPTER 2

What's New in Cisco IOS XE Dublin 17.11.x

- [What's New in Hardware for Cisco IOS XE Dublin 17.11.1a, on page 13](#)
- [What's New in Software for Cisco IOS XE Dublin 17.11.1a, on page 13](#)

What's New in Hardware for Cisco IOS XE Dublin 17.11.1a

There are no new hardware features in this release.

What's New in Software for Cisco IOS XE Dublin 17.11.1a

Feature	Description
CEM	
Frame Relay Port Mode	<p>Frame Relay (FR) port mode provides transport between two Provider Edge (PE) devices, where the complete FR frame is transported using the same encapsulation configured for the HDLC or FR pseudowire. On the PE device, the multiple FR Virtual Circuits (VCs) are carried over a single interface and the traffic is passed into a single transparent HDLC or FR pseudowire in an MPLS network. Thus with port mode, there are many-to-one mappings between multiple FR VCs and a pseudowire in a secure manner.</p> <p>You can configure HDLC or FR port mode on the following interface modules:</p> <ul style="list-style-type: none">• 1 port OC-48/STM-16 or 4 port OC-12/OC-3 / STM-1/STM-4 + 12 port T1/E1 + 4 port T3/E3 CEM Interface Module
Support for 3-in-24 BERT Patterns	<ul style="list-style-type: none">• 48-port T1 or E1 interface module• 1-Port OC-48 or 4-Port OC-12/OC-3 interface module

Feature	Description
System CESoP NxDS0 BERT	<p>You can configure BERT patterns at the DS0 level on the following interface modules for both the system and line directions.</p> <ul style="list-style-type: none"> • 48-Port T1 or E1 CEM interface module • 48-Port T3 or E3 CEM interface module • 1-port OC-48/STM-16 or 4-port OC-12/OC-3 / STM-1/STM-4 + 12-port T1/E1 + 4-port T3/E3 CEM interface module <p>You can configure speed with bandwidth of 56 kbps or 64 kbps along with the BERT pattern.</p> <p>With DS0 level BERT configuration, you can verify the end-to-end connectivity.</p>
Layer 3 Termination for Frame Relay	<p>You can configure layer 3 termination on the Frame Relay (FR) sub interfaces for the following interface modules:</p> <ul style="list-style-type: none"> • ASR-920-12SZ-IM equipped with A900-IMA3G-IMSG <p>You can assign IP address on the FR sub interface and terminate the Layer 3 traffic where ever required in the network.</p>
Timing and Synchronization	
NTP Support for IPv6 Networks	<p>Network Time Protocol (NTP) synchronizes device clocks across networks to maintain system accuracy. In this release, NTP supports IPv6 multicast networks. The NTP server sends clock updates as multicast messages to the clients across IPv6 networks. As NTP packets are sent only to the intended clients, it reduces timing traffic in the network.</p>
Software Activation	
No License Snapshot Support	<p>License snapshot won't be generated starting from this release and the software relies only on the existing snapshot for any PAK license information.</p>
Strong Crypto Algorithms	
Strong Crypto Algorithms	<p>We strongly recommend stronger cryptographic algorithms instead of weak cryptographic algorithms, such as RSA keys of less than 2048 bits, MD5 for authentication, DES, and 3DES for encryption. Soon, such weak algorithms will no longer be allowed by default. An explicit configuration is required to continue using such weak algorithms.</p> <p>For SNMP v3 users with weak cryptographic properties, the SNMP operations to the device will fail, resulting in loss of management access to device through SNMP. Similarly, if the RSA key pair is not updated to be at least 2048 bits for SSH, the SSH server will be disabled, resulting in loss of remote access to the device through SSH.</p> <p>For more information on how to migrate to stronger cryptographic algorithms for SNMP, see the Field Notice Number: FN72509.</p> <p>For more information on how to migrate to stronger cryptographic algorithms for SSH, see Field Notice Number: FN72511.</p>

Feature	Description
IP SLAs	
QoS for Y.1564 SADM External Sessions	<p>Y.1564 Ethernet service activation test methodology now supports Ingress and Egress QoS policy configuration on interfaces. You can now measure QoS traffic throughput and loss using SADM external sessions on the ingress traffic.</p> <p>In earlier releases, Y.1564 supports egress QoS policy. With this enhancement, both SADM ingress and egress traffic can coexist on an interface.</p>
Programmability	
gNMI Dial-Out Using gRPC Tunnel Service	<p>This feature allows you to configure a network device (tunnel client) to register certain targets (preapproved services) with a gRPC tunnel server through the CLI. These targets are defined as ports on the network device.</p> <p>You can use the gRPC tunnel server to forward connections from external clients, such as gRPC Network Management Interface (gNMI)/gRPC Network Operations Interface (gNOI), to connect to the network device without establishing a direct connection.</p> <p>The following commands are introduced for the tunnel and target configurations respectively:</p> <ul style="list-style-type: none"> • gnxi grpctunnel destination <i>server name</i> • gnxi grpctunnel target
YANG	
YANG Support for show l2vpn atom vc detail Command	<p>The Cisco-IOS-XE-l2vpn-oper native model is a collection of YANG definitions for L2VPN services operational data. Additional leaves and lists are now supported in the following sensor path:</p> <p>Cisco-IOS-XE-l2vpn-oper\l2vpn-oper-data\l2vpn-services\l2vpn-atom-vc-info</p> <p>With this model, you can get detailed information, such as the L2VPN service name, service type, interface name, peer address, status, encapsulation type, virtual circuit ID, and packet information by using a NETCONF RPC.</p> <p>In earlier releases, you could perform this action by using the following CLI:</p> <p>show l2vpn atom vc detail</p> <p>Note There is existing YANG support for the following related CLIs in the Cisco-IOS-XE-l2vpn-oper native model:</p> <ul style="list-style-type: none"> • show l2vpn service xconnect peer peer_id vcid vcid • show l2vpn atom commands <p>YANG Data Models—For the list of Cisco IOS XE YANG models available with this release, navigate to https://github.com/YangModels/yang/tree/main/vendor/cisco/xe. Revision statements embedded in the YANG files indicate if there has been a model revision. The README.md file in the same GitHub location highlights changes that have been made in the release.</p>



CHAPTER 3

Caveats

This chapter describes open and resolved severity 1 and 2 caveats and select severity 3 caveats:

- The “Open Caveats” sections list open caveats that apply to the current release and may apply to previous releases. A caveat that is open for a prior release and is still unresolved applies to all future releases until it is resolved.
- The “Resolved Caveats” sections list caveats resolved in a specific release, but open in previous releases.

The bug IDs are sorted alphanumerically.



Note The Caveats section includes the bug ID and a short description of the bug. For details on the symptoms, conditions, and workaround for a specific caveat you must use the Bug Search Tool.

- [Open Caveats – Cisco IOS XE Dublin 17.11.1a, on page 17](#)
- [Resolved Caveats – Cisco IOS XE Dublin 17.11.1a, on page 18](#)
- [Cisco Bug Search Tool, on page 19](#)

Open Caveats – Cisco IOS XE Dublin 17.11.1a

Identifier	Headline
CSCwe42290	netconf intermittent connection issue due to checksum issue.
CSCwe34672	High CPU utilization on ptp_uea process
CSCwe54549	Unable to detect few SFPs.
CSCwe53791	EFP—Low throughput for rate step 900mbps+ when max-throughput command is disabled.
CSCwe38904	Frame loss seen for 64 bytes packet size for rate step 2333333/all kbps.

Resolved Caveats – Cisco IOS XE Dublin 17.11.1a

Identifier	Headline
CSCwc80493	APS - K2 byte not reflecting proper value during LRDI and LAIS conditions.
CSCwd04198	A900-IMASER14A/S: when configurations are pasted in a specific order, line config is missing
CSCwc41115	APS 1+1 Uni - Tx K2 to reflect Rx K1 channel number
CSCwd26330	IMA3G does not generate FEBE's when BPV, P-bit, C-bit error are detected on the T3 port
CSCwc79322	Memory leak on ptpd_uea process
CSCwc76004	Wrong timestamp in TWAMP test packet with PTP active
CSCwd90840	mcast data traffic is getting dropped over vpls
CSCwe27336	Error logs during reload in ASR920-24SZ-M variant
CSCwd28121	E1 loopback syslog and alarm reporting issues
CSCwd38074	Alarm reporting to IOS and L-bit propagation missing with STS1e-ct3-e1 mode
CSCwd48164	EVPN statd resource leak after protocol flaps
CSCwd44817	After router reload E1 framing gets changed to unframed in SDH VC12 mode with channe-group config
CSCwd11926	Need support for dual options in CLI for setting clock rate for x21
CSCwd16666	Only in 3GMS OC3 port with network loop Bert pattern is not syncing
CSCwd40951	CEM getting removed successfully even with wrong T1 number provided from same T3/E3
CSCwc77502	Unexpected reload due to MLDPv6
CSCwd67723	In IMA32D/IMA8D card, sometimes change in E1 controller config(after ctrlr flap)results in IM reboot
CSCwc84627	ASR-920-12SZ-IM goes continous reboot for a PCIE bus error
CSCwd78618	IMASER14A/S does not boot as expected.
CSCwd26357	rs485 with half-duplex configuration when reloaded, it gets into default full-duplex mode

Cisco Bug Search Tool

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