



Restrictions and Caveats in Cisco IOS XE 3.18SP Releases

This chapter provides information about restrictions and caveats in Cisco IOS XE 3.18SP releases.



Note

We recommend that you view the field notices for the current release to determine whether your software or hardware platforms are affected. You can access field notices at http://www.cisco.com/en/US/support/tsd_products_field_notice_summary.html.

This chapter contains the following sections:

- [Caveats in Cisco IOS XE 3.18SP Releases, page 29-2](#)

Restrictions in Cisco IOS XE 3.18.1SP

- In the Cisco IOS XE Release 3.18.1S, for non payload encryption (NPE) image, there is no support for IPsec tunnels on the Cisco RSP3 module. As a result, the **tunnel mode ipsec** and **tunnel protection ipsec profile** commands are also disabled in this release.
- In the Cisco IOS XE Release 3.18.1SP, PTP packets carrying MPLS labels are not supported in the ingress or egress direction on the Cisco RSP3 module.
- To use IPsec, use the payload encryption (PE) image and acquire the IPsec license (only available for Cisco RSP3 Module)
- The Cisco IOS XE 3.18.1SP release is applicable only on the Cisco ASR900 RSP1 and RSP2 modules.
- The Cisco IOS XE 3.18.1bSP release is applicable only on the Cisco ASR900 RSP3 modules.
- This is applicable only to Cisco ASR 903 RSP2 module. Traffic is dropped when packets of size 64 to 100 bytes are sent on 1G and 10G ports:
 - For 64-byte packets, traffic drop is seen at 70% and beyond of the line rate.
 - For 90-byte packets, traffic drop is seen at 90% and beyond of the line rate
 - For 95-byte packets, traffic drop is seen at 95% and beyond of the line rate.

Traffic is dropped when:

- Traffic is sent on a VRF interface
- Traffic is sent across Layer 2 and Layer 3

However, traffic is not dropped when the packet size is greater than 100 bytes, even if the packets are sent bi-directionally at the line rate.

Caveats in Cisco IOS XE 3.18SP Releases

Caveats describe unexpected behavior. Severity 1 caveats are the most serious caveats. Severity 2 caveats are less serious. Severity 3 caveats are moderate caveats and only select severity 3 caveats are included in this chapter.

This section describes caveats in Cisco IOS XE 3.18SP releases. The following information is provided for each caveat:

- Symptom—A description of what is observed when the caveat occurs.
- Conditions—The conditions under which the caveat has been known to occur.
- Workaround—Solutions, if available, to counteract the caveat.

The *Dictionary of Internetworking Terms and Acronyms* contains definitions of acronyms that are not defined in this document: [Resolved Caveats—Cisco IOS XE Release 3.18.2SP \(Cisco IOS Release 15.6\(2\)SP2\), page 19](#) [Resolved Caveats—Cisco IOS XE Release 3.18.2SP \(Cisco IOS Release 15.6\(2\)SP2\), page 19](#)

[http://docwiki.cisco.com/wiki/Category:Internetworking_Terms_and_Acronyms_\(ITA\)](http://docwiki.cisco.com/wiki/Category:Internetworking_Terms_and_Acronyms_(ITA))

Bug Search Tool

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

Use the following link to access the tool: <https://tools.cisco.com/bugsearch/search>.

You will be prompted to log into Cisco.com. After successful login, the Bug Search Tool page opens. Use the Help link in the Bug Search Tool to obtain detailed help.

Caveats

The following sections describe the open and resolved caveats in 3.18SP Releases:

- [Open Caveats—Cisco IOS XE Release 3.18.9SP \(Cisco IOS Release 15.6\(2\)SP9\), page 3](#)
- [Resolved Caveats—Cisco IOS XE Release 3.18.9SP \(Cisco IOS Release 15.6\(2\)SP9\), page 3](#)
- [Open Caveats—Cisco IOS XE Release 3.18.8aSP \(Cisco IOS Release 15.6\(2\)SP8\), page 3](#)
- [Resolved Caveats—Cisco IOS XE Release 3.18.8aSP \(Cisco IOS Release 15.6\(2\)SP8\), page 3](#)
- [Resolved Caveats—Cisco IOS XE Release 3.18.8aSP \(Cisco IOS Release 15.6\(2\)SP8\) Platform Independent, page 4](#)
- [Open Caveats—Cisco IOS XE Release 3.18.7SP \(Cisco IOS Release 15.6\(2\)SP7\), page 4](#)
- [Resolved Caveats—Cisco IOS XE Release 3.18.7SP \(Cisco IOS Release 15.6\(2\)SP7\), page 4](#)
- [Resolved Caveats—Cisco IOS XE Release 3.18.7SP \(Cisco IOS Release 15.6\(2\)SP7\) Platform Independent, page 5](#)
- [Open Caveats—Cisco IOS XE Release 3.18.6SP \(Cisco IOS Release 15.6\(2\)SP6\), page 5](#)

- Resolved Caveats—Cisco IOS XE Release 3.18.6SP (Cisco IOS Release 15.6(2)SP6), page 6
- Open Caveats—Cisco IOS XE Release 3.18.5SP (Cisco IOS Release 15.6(2)SP5), page 7
- Resolved Caveats—Cisco IOS XE Release 3.18.5SP (Cisco IOS Release 15.6(2)SP5), page 8
- Open Caveats—Cisco IOS XE Release 3.18.4SP (Cisco IOS Release 15.6(2)SP4), page 29-10
- Resolved Caveats—Cisco IOS XE Release 3.18.4SP (Cisco IOS Release 15.6(2)SP4), page 29-12
- Open Caveats—Cisco IOS XE Release 3.18.3SP (Cisco IOS Release 15.6(2)SP3), page 14
- Resolved Caveats—Cisco IOS XE Release 3.18.3SP (Cisco IOS Release 15.6(2)SP3), page 16
- Open Caveats—Cisco IOS XE Release 3.18.2SP (Cisco IOS Release 15.6(2)SP2), page 18
- Resolved Caveats—Cisco IOS XE Release 3.18.2SP (Cisco IOS Release 15.6(2)SP2), page 19
- Open Caveats—Cisco IOS XE Release 3.18.1SP (Cisco IOS Release 15.6(2)SP1), page 19
- Resolved Caveats—Cisco IOS XE Release 3.18.1SP (Cisco IOS Release 15.6(2)SP1), page 21
- Open Caveats—Cisco IOS XE Release 3.18SP (Cisco IOS Release 15.6(2)SP), page 23
- Resolved Caveats—Cisco IOS XE Release 3.18SP (Cisco IOS Release 15.6(2)SP), page 24

Open Caveats—Cisco IOS XE Release 3.18.9SP (Cisco IOS Release 15.6(2)SP9)

There are no open caveats for this release.

Resolved Caveats—Cisco IOS XE Release 3.18.9SP (Cisco IOS Release 15.6(2)SP9)

There are no resolved caveats for this release.

Open Caveats—Cisco IOS XE Release 3.18.8aSP (Cisco IOS Release 15.6(2)SP8)

Caveat ID Number	Description
CSCvm76770	Unpredictable asymmetry on T1/E1 IM
CSCva43417	e1 Interfaces go DOWN on remote alarm (RDI)

Resolved Caveats—Cisco IOS XE Release 3.18.8aSP (Cisco IOS Release 15.6(2)SP8)

Caveat ID Number	Description
CSCvi02398	SNMP MIB and device configurations do not match

Resolved Caveats—Cisco IOS XE Release 3.18.8aSP (Cisco IOS Release 15.6(2)SP8) Platform Independent

Caveat ID Number	Description
CSCvm79556	RSP3: MSPW VC down after Switchover (Error Local access circuit is not ready for label advertise)
CSCvj15469	Remove crypto group access check

Open Caveats—Cisco IOS XE Release 3.18.7SP (Cisco IOS Release 15.6(2)SP7)

Caveat ID Number	Description
CSCvm76770	Unpredictable asymmetry on T1/E1 IM
CSCva43417	e1 Interfaces go DOWN on remote alarm (RDI)

Resolved Caveats—Cisco IOS XE Release 3.18.7SP (Cisco IOS Release 15.6(2)SP7)

Caveat ID Number	Description
CSCvp67025	RSP2: Software-Induced Multi-Bit Errors on Handoff FPGA When Exceeding Max FNF Cache Size
CSCvm04696	Mac learnt on G8032 blocked ports due to DHCPv4 discovery pkts
CSCvo65688	16.9.3-QIP-crete-TOD flaps in Crete (master) when setup is left overnight
CSCvo58053	High memory usage only on standby RSP in iomd
CSCvj87085	ptpd crashed after removing the ptp configs, default profile <169>
CSCvj75078	RSP3: IOMD crash @ iomd_bsess_open_callback_retry on new active after RP SSO
CSCvk32423	IMA8Z 6-port mode, hwidx not created leading to complete traffic drop
CSCvf72273	RSP3_G8275.1: Both the PLL locked to REMOTE RP and PLL lock status is OFF
CSCvf90832	RSP3_907: UTC Offset is NOT taken care properly when VP is selected.
CSCvq55841	With netflow enabled, FPGA_INTERRUPTS_ERROR observed upon modifying the flow count
CSCvj49266	Rx getting dropped at Master after losing its 10M input

Resolved Caveats—Cisco IOS XE Release 3.18.7SP (Cisco IOS Release 15.6(2)SP7) Platform Independent

Caveat ID Number	Description
CSCvk36863	MAC learning not working
CSCvf20607	ASR1K RSP crash when command 'show ip rsvp sender detail' was executed
CSCvh62861	IOSd crash @ NHRP nhrp_group_tunnel_qos_remove
CSCvj43156	Crash in XDR process: "fib_rp_table_broker_encode_buf.size <= FIB_RP_TABLE_BROKER_ENC_BUF_SZ"
CSCvk17998	Rekey Timer are same for both the Server and Client
CSCvm64865	[EIGRP] a summary route is updated by an external route
CSCvn00218	CUBE Crash in sipSPIAppAddCallInfoUI
CSCvn56017	Crash while processing ISIS updates when DiffServ-TE is enabled
CSCvn93524	Cisco REST API Container for IOS XE Software Authentication Bypass Vulnerability
CSCvo55194	After RSP switchover label imposition was not programmed in Software on APS standby router
CSCvo66216	IPSec-Session count in "show crypto eli" reaches max causing VPN failure
CSCvp76434	OSPF summary-route (Type 5) redistribute into ospf via 'summary-address' cmd is not install in RIB
CSCvp78236	Crash during SNMP Configuration, ospfv3_pdb_from_router_info
CSCvp81102	IPsec SA installation fails with simultaneous negotiations despite fix for CSCve08418
CSCvp87125	Default-route is not installed in Local PE VRF if there is 0.0.0.0/X route present in routing table
CSCvp99881	BGP set wrong local preference for routes in RPKI invalid state
CSCvq19673	Evaluation of asr1k for TCP_SACK
CSCvq46617	RLFA config causing OSPF to ignore backup path addition for NSSA prefix after primary link flap
CSCvq67901	Crash in HTTP core process
CSCvb05793	Traffic drop observed upto 2 mins on active Sup pull with ECMP

Open Caveats—Cisco IOS XE Release 3.18.6SP (Cisco IOS Release 15.6(2)SP6)


Caveat ID Number	Description
CSCva43417	E1 Interfaces go DOWN on remote alarm (RDI)
CSCvj75078	RSP3: IOMD crash @ iomd_bsess_open_callback_retry on new active after RP SSO
CSCvk32423	IMA8Z 6-port mode, hwidx not created leading to complete traffic drop
CSCvm04696	MAC learnt on G8032 blocked ports due to DHCPv4 discovery pkts
CSCvm76770	Unpredictable asymmetry on T1/E1 IM
CSCvo58053	High memory usage only on standby RSP in iomd

Resolved Caveats—Cisco IOS XE Release 3.18.6SP (Cisco IOS Release 15.6(2)SP6)

Caveat ID Number	Description
CSCux22473	IPv6 Tracking for route learned from IBGP Neighbor is Down.
CSCux68796	IOS-XE Router - High CPU When Handling get-next on "entStateStandby" MIB
CSCuz74957	Cisco IOS and IOS XE Software ISDN Interface Denial of Service Vulnerability
CSCuz99865	IPSec MIB queries returns wrong tunnel count
CSCva00765	crash after no ipv4 multicast multitopology command
CSCva64842	Observing kernel: EXT2-fs error while moving between polaris and MCP_DEV
CSCve56559	Incorrect Track Resolution Metric for GRE Tunnel
CSCve57830	SUBALTNNAME DECODE fails for APIC_EM self-signed cert when validating server identity
CSCve89361	Crash in SISF while processing IPv6 packet
CSCvf11776	VRRPv3 with VRRS remains NOT READY after shutdown Port-channel IF.
CSCvf36269	Cisco IOS and IOS XE Software Network Plug-and-Play Certificate Validation Vulnerability
CSCvf73552	VRRP non-zero authentication data on 16.3.3
CSCvf96294	MIB counter for IPSec tunnels does not decrement under high tunnel scale and churn
CSCvg06142	'ipsm Tunnel Entry' and 'Crypto IKMP' memory leak due to IKE tunnel entry not deleted
CSCvg37952	Cisco IOS XE Software ISR4400 Series IPsec Denial of Service Vulnerability
CSCvh54672	VRRP doesnt work over Port-channel L3 interface
CSCvh72848	"no track resolution ip route" and "default track resolution ip route" not working
CSCvh83319	Interop vrrp doesnt work between cedge and vedge
CSCvi83306	Crash with IOSXE-WATCHDOG: Process = IPv6 RIB Event Handler
CSCvj02910	Reload removing ipv6 VRRP group
CSCvj61307	Cisco IOS XE Software Command Injection Vulnerability
CSCvj73544	ospf routing loop for external route with multiple VLINKs/ABRs
CSCvj86790	RIP does not send updates on unnumbered interfaces after reload of ISR 4k
CSCvj98575	Cisco IOS and IOS XE HSRPv2 Information Leak Vulnerability
CSCvk03910	OSPF neighbor stuck in loading after VSS switchover
CSCvk56331	Initial contact in IKEv1 phase 2 rekey (QM1) causes all crypto sessions to drop
CSCvk71047	Router fails to reserve necessary ports for VPN traffic (UDP 500 & 4500) for ISAKMP
CSCvm00765	BFD crash on imitating traffic loss
CSCvm02572	Router crashes on SSH connection with "login on-failure log" enabled
CSCvm28421	ASR901-ESMC padding is having non-zero random values which is causing duplicate QL-TLV
CSCvm40496	iBGP PE-CE When Route-Reflect enable VRF import all Route Target.
CSCvm51112	"clear crypto sa vrf MyVrf" triggers crash after updating pre-shared-keys
CSCvm55465	BGP updates missing ISIS advertising-bits led to LDP label purge on peer.

Caveat ID Number	Description
CSCvm62554	BGP multipath feature drops a path from list after BGP update event
CSCvm76070	Not able to enable the CLI http-status-code-ignore
CSCvm92116	Bulk-sync failure due to bgp router-id interface Loopback0
CSCvm93603	IP change on dialer-int does not trigger a correct "local crypto entpt" in DMVPN
CSCvm95236	BGP update not properly processed by inbound route-map
CSCvn07060	Redistributed metric is not be applied if it is in narrow-style
CSCvn28017	ISR4331 Routers May Crash When "eigrp default-route-tag" Configured on IPv4 AF
CSCvn59020	Modified EIGRP timers on Virtual-Template put all associated Vi interfaces into passive mode
CSCvm10079	Force QL Tx option is not working when netsync configured with more than 3 input sources.
CSCvn08456	RSP3: Giant counters incremented for packets bigger than 1500 bytes
CSCvn17722	SONET ACR Pending Object with CEM GROUP interfaces.

Open Caveats—Cisco IOS XE Release 3.18.5SP (Cisco IOS Release 15.6(2)SP5)

Caveat ID Number	Description
CSCvf62586	FAN missing in ASR902 RSP2 chassis.  Note Migrate to the latest 3.18 SP6 image.
CSCvb82613	Tunnel/IGP down on SSO due to ingress VOQ packet drop
CSCvd00780	8275.1: PTP Packets are being dropped without untagged EFP on a tagged EFP interface
CSCvd44667	RSP3: PREFIX Object Errored Objects on Local Core Flaps and in Parallel on Other Routers in the Core
CSCvd89421	RMEP failure due to CFM HW table corruption
CSCve43404	PTP Clock Creation Fails for Specific Sequence of Triggers
CSCve49550	IOX: OOS issue seen with 100Mbps sfp inserted on a SFP combo IM
CSCve68911	Nested Enhanced Route Refresh requests triggers Stale Prefixes.
CSCve86912	[Counter]: Giant/Runt/Pause Frame counters issue.
CSCvf08577	RSP3 Arad not able to timestamp higher stream id packets in default profile
CSCvf09940	RSP3_2x10GE: output netsync drifting after SSO when locked to 2x10GE
CSCvf11776	VRRPv3 with VRRS remains NOT READY after shutdown Port-channel IF.
CSCvf19415	Port MEP Timeout in RSP1
CSCvf34496	RSP3-QIP:Error objects on Stby cfm_mp_ifh 16794673 sid 3001 download to CPP failed seen upon IM-OIR
CSCvg10313	Cu clock source still squelched on interface bring up after two SSOs
CSCvh51179	RSP3: Stale Mac entries are present on a specific scenario which results in ADJ download failure
CSCvi61745	Crash when running MPLS Tunnel protection command

Caveat ID Number	Description
CSCvj02910	Reload removing ipv6 VRRP group
CSCvj43156	Crash in XDR process: "fib_rp_table_broker_encode_buf.size <= FIB_RP_TABLE_BROKER_ENC_BUF_SZ"
CSCvj85437	Bheem FPGA : SEU support on standby RSP for SBE and MBE
CSCvk22449	BGP Traceback/Crash seen with 20k IPv4 BGP scale after reload/clearing bgp
CSCvk24933	RSP3: QSGMI out of lock with IM OIR + SSO soak
CSCvk59137	Fan tray temperature read as 0 degree Celsius
CSCvm00765	BFD crash on imitating traffic loss
CSCvm04696	Mac learnt on G8032 blocked ports due to DHCPv4 discovery pkts

Resolved Caveats—Cisco IOS XE Release 3.18.5SP (Cisco IOS Release 15.6(2)SP5)

Caveat ID Number	Description
CSCsd58148	%SEC_LOGIN-4-LOGIN_FAILED does not show username in [user:]
CSCCue25168	TPM reserves UDP/4500 for no apparent reason
CSCCuv90519	Map doesn't get updated with socket change on local address change
CSCCuy27746	CDP packet causes switch to crash due unexpected exception to CPUvector
CSCCuy54623	Evaluation of all for OpenSSL March 2016
CSCCuy96461	IOS-XE EPC does not work on port-channel subinterfaces
CSCCuz42299	Crash when configuring CWS
CSCCuz52528	Evaluation of all for OpenSSL May 2016
CSCCuz82303	Setting MTU to 9216 on routed interface causes scheduler(BRP/BRR) fail
CSCCuz92785	Evaluation of all for NTP June 2016
CSCCva08142	IOSd crash on LISP enable router
CSCCva36556	Smart call home crash with debugs enabled
CSCCvb71086	CWS + NVI NAT not working for web traffic
CSCCvc07577	Crash in BGP due to regular expressions
CSCCvc23569	Evaluation of all for NTP November 2016
CSCCvc60745	tcp_getbuffer memory leak - refcount not reduced when packet dropped
CSCCvc98571	EEM applet will not release the Config Session Lock if it ends when CLI is in configuration mode
CSCCvd21340	IOSd crashed while issuing 'show isdn status'
CSCCvd35443	Site-prefix-learning:Crash on EIGRP process when issuing "no ip vrf red" on HMCBR
CSCCvd80715	ASR1k IOSD crash due to memory corruption in aaa accounting
CSCCvd80837	Crash observed in DHCP SIP

Caveat ID Number	Description
CSCve00087	Line-by-Line sync verifying failure on command: client test01 server-key 0 Password
CSCve52155	RSP3: BFD Session Between 2 RSP3s Down on Reloading 1 RSP3
CSCve55089	BGP crashes at bgp_ha_sso_enable_ssomode
CSCve72906	RSP3:ECMP LB seen when flags field is changed in ip header with l4 header in 4 label scenario
CSCve76947	Eigrp hmac-sha-256 secret string changes when show running-config is executed
CSCvf21005	config mismatch after code upgraded
CSCvf35507	Crash in SSH Process due to SCP memory corruption
CSCvf37923	Crash due to Stack overflow
CSCvf63979	Crash when trying to establish new SSH connection
CSCvf67481	AAA process not sending malloc if dynamic heap free mem is under aaa mem threshold
CSCvf81579	ASR1K: IOSd crash in kmi_initial_check on null map dereference
CSCvg01156	G275.2 Huge TIE jump seen on slave after reload completes on RSP3 master
CSCvg02533	router crashed after triggers with debug
CSCvg03444	Hub MC continues to send EIGRP SAF hellos after adjacency removed
CSCvg06222	RSP3: ~30sec traffic loss for EOMPLS services during ReOpt after TE Node Protection trigger
CSCvg06788	RSP3:3-10sec traffic loss for FlexLsp Tunnels (unidirectional) from HE to TE on Active path cutover
CSCvg39082	Cisco device unexpectedly reloads after TCP session timeout
CSCvg41950	Cisco IOS XE Software Diagnostic Shell Path Traversal Vulnerability
CSCvg48470	ISIS 11-12 redistribution prefix doesnt get redistributed till clear isis rib redistribution is done
CSCvg67028	VRF deletion status <being deleted> after removing the RD
CSCvg67742	ASR903-RSP3C Enhancement of log messages on FAN Tray OIR
CSCvg71566	"no cdp enable" is rewritten to "no cdp tlv app" after reload.
CSCvg84699	BFD session not coming up on RSP3 due to wrong platform offload limit
CSCvg85879	BGP sets the wrong Local Preference for routes validated by RPKI server
CSCvg87048	Few Stale session are observed during vpdn longetivity
CSCvg98953	UEA_MGR Crash@uea_asic_mpls_lentry_modify seen during stressed soak run
CSCvh06249	Crash when receiving EVPN NLRI with incorrect NLRI length field value
CSCvh52708	RSP3: LAG LB is not working based on VC label
CSCvh55744	SSH password length restricted to 25 for avoiding one of the low impact vulnerability.
CSCvh58909	OSPFv3 cost calculation not correct in some specific topology
CSCvh61436	Nvram error seen while upgrading ROMMON in second RSP2
CSCvh67279	ADJ error object seen on Active
CSCvh69518	%SYS-3-TIMERNEG:Cannot start timer with negative offset Process= "ARP Background"
CSCvh76761	A900-RSP3C-200-S RSP module crashes while MPLS TE tunnel interfaces comes up
CSCvh96821	ASR1004 started relaying clients' DHCP Discover messages to DHCP Server with the wrong IP address
CSCvi01558	iBGP dynamic peer using TTL 1
CSCvi06358	Label & outgoing interface programmed wrongly for prefix in RSP3

Caveat ID Number	Description
CSCvi42002	CDP packets not getting encapsulated over multipoint GRE tunnel
CSCvi44298	ISR4451 Installs 2 IPsec SA's with different peers having same proxy identities
CSCvi52608	CLI show aaa clients detailed command triggered SSH to crash
CSCvi53346	RSP3 : BFD packets not sent out towards 9K after timer change and link flap
CSCvi65958	Standby RP crashes due to Memory usage in ospf_insert_multicast_workQ
CSCvi70145	ASR1k Segmentation fault in dhcp_sip process
CSCvi72479	ISR4K CWS - admission commands override (method-list vs bypass list)
CSCvi74088	link local multicast packets are received when the SVI is in down state
CSCvi93528	PI IOSd reload due to call-home at kex_dh_hash conn pointing to eem
CSCvj23301	IOS: Crypto Ruleset fails to get deleted
CSCvj27560	cman-fp/cmcc heartbeat failure crash due to pca954x channel selection errors.
CSCvj29126	RADIUS client on network fails to solicit PAC key from CTS even though the device has a valid PAC
CSCvj40006	[16.9 rsp3-qip]:adding one more vlan tag to the existing service instance causing entire traffic dr
CSCvj50537	ISSU Failure in Vz ME lab
CSCvj60379	RSP3: ARP Request Not Generated when IPv4 Routable Packets with L4 Header are Punted
CSCvj76013	RSP3: Error Objects wrt to Load balance on on increasing the BGP next-hop
CSCvj87273	False high temp readings from ARAD+ sensor causing system shutdown
CSCvk04547	Port-channel member link flap on RP OIR
CSCvk10633	bgp crash while running show command and same time bgp peer reset
CSCvk22455	3650 configured with AE and PK country codes crashes when 3800 AP plugged in
CSCvk49905	Crash when shifting the layer 2 LACP member peer from one link to another

Open Caveats—Cisco IOS XE Release 3.18.4SP (Cisco IOS Release 15.6(2)SP4)

Caveat ID Number	Description
CSCvb96943	Offset from master jumps to Huge value with SPAN
CSCvd58258	IOS-XE display issue show hw-module subslot X/X transceiver X idprom detail
CSCve43404	PTP Clock Creation Fails for Specific Sequence of Triggers
CSCve54554	ASR-920-12SZ-IM will not warn when copying an invalid image
CSCvi02398	snmp mib and device configs not matching
CSCvi18644	ASR903 - BFD flaps during SSO

Caveat ID Number	Description
CSCux20143	RSP3/BFD:[new]Timeout not happening after shut of link with host traffic
CSCuz82303	Setting MTU to 9216 on routed interface causes scheduler(BRP/BRR) fail
CSCva43417	e1 Interfaces go DOWN on remote alarm (RDI)
CSCva61618	SADT throws Warnings more than one time for more iterations
CSCvb01698	LEAPSEC:leap second is not considered while setting PTP to system time
CSCve05859	Exxx EIN: G.8275.1 testing: Clock loop forming between synce and ptp
CSCve78337	MLP MRAPS Convergence is high on Work-Active SSO node
CSCvf09940	RSP3_2x10GE: output netsync drifting after SSO when locked to 2x10GE
CSCvg88747	IOS hung and stuck in loop if there is any issue in USB port
CSCvh06656	crash @ pak_qos_feature_object_cleanup
CSCvc59436	RSP3:Delay in updating egress efp stats for Tengig interfaces
CSCvd44667	RSP3: PREFIX Object Errored Objects on Local Core Flaps and in Parallel on Other Routers in the Core
CSCvd50734	RSP3-200:Router Crash while trying to delete label uea_oce_base_delete uea_mpls_label_delete_async
CSCvd77735	RSP3 - Small loss (6-10ms) observed for VPLS traffic when BGP backup peer is powered down
CSCvd89421	RMEP failure due to CFM HW table corruption
CSCve05859	Exxx EIN: G.8275.1 testing: Clock loop forming between synce and ptp
CSCve14324	ASR 907 / RSP3C : port level shaper is counting packets twice.
CSCve86912	[Counter]: Giant/Runt/Pause Frame counters issue.
CSCvf08577	RSP3 Arad not able to timestamp higher stream id packets in default profile
CSCvf08656	RSP3 : Traffic failure for few Labelled BGP prefixes (BGP label imposed is incorrect)
CSCvf16468	RSP3-QIP: CFM H/w offloaded sessions over xconnect affecting S/w sessions configured over BD
CSCvf19136	Debugability : show platform software agent iomd <> np datapath hdlc <CEMA-ID>
CSCvf21748	RSP3-QIP: Traffic flowing though TEFP is shut in G8032 ring

Caveat ID Number	Description
CSCvf34496	RSP3-QIP:Error objects on Stby cfm_mp_ifh 16794673 sid 3001 download to CPP failed seen upon IM-OIR
CSCvf45267	RSP3 - Loadbalance map not getting deleted (IM OIR)
CSCvg84699	BFD session not coming up on RSP3 due to wrong platform offload limit
CSCvg99675	RSP3:Transient FRR download failure during soak testing
CSCvh15762	RSP3: IOSd Crash in FastPath Thread during Punt Packet Buffer Dequeue on ARP Flaps Soak
CSCvh51179	RSP3: Stale Mac entries are present on a specific scenario which results in ADJ download failure
CSCvh77868	ASR-903 (RSP3_400) fsck of bootflash returned error code 8. Recommend reformatting
CSCvi06300	RSP3: Pending issues seen when converting from Access EFP's to Trunk EFP's
CSCvi06358	Label & outgoing interface programmed wrongly for prefix in RSP3

Resolved Caveats—Cisco IOS XE Release 3.18.4SP (Cisco IOS Release 15.6(2)SP4)

Caveat ID Number	Description
CSCvc38538	IPSLA Y1731 start time is much greater than sysUpTime while doing snmpwalk
CSCve64336	RSP1-Continuous ESMC tracebacks observed after IMA8T OIR followed by SSO
CSCvf51341	Crash after show ip ospf database summary command
CSCvf63541	BGP w/global import/export crashes when several nbrs deleted simultaneously
CSCvf83216	ASR903: Negative broadcast counters on port channel interface after clearing the counters
CSCvf84349	Router crash on polling cEigrpPeerEntry
CSCvf95077	Stale Mac entry in MLRIB
CSCvg03542	[RIB route watch] detect stale pointer from client to avoid system crash with corrupted memory
CSCvg07169	D6 Update attribute Total Bandwidth = 37901kbps is incorrect

Caveat ID Number	Description
CSCvlg14825	Require varbind entSensorPrecision,Scale & Type along with trap entSensorThresholdNotification
CSCvlg70173	ASR920 : Not able to configure xconnect untagged service instance with EVPN under the same interface
CSCvlg85163	ZTP not triggered with Gratuitous ARP
CSCvlg97160	on ASR920-24SZ-IM Tengig interface MTU has not been set more than 1500 in H/W
CSCvh71856	IOSd crash when enabling dot1q in a port-channel sub-interface
CSCvh86486	ASR-920-12SZ-IM: Cisco ASR 920 routers issue with sfp-h10gb-cu1m cabling
CSCvuy30341	Skywalker: Failed to create, Pseudowire interface
CSCvby96911	OSPF NSSA Translator ABR does not Translate Type 7 to 5 with only VRF Superbackbone as non-NSSA area
CSCvc38538	IPSLA Y1731 start time is much greater than sysUpTime while doing snmpwalk
CSCvc63685	%QOS-4-INVALIDDBW: errors occur on reboot when policing is used
CSCvd87285	ASR920 - Display issue - Egress i/f and L2 stats shows "unknown" and no packet drops
CSCve64341	920 : Mid Point LSP creation failure after reload with latest polaris Image
CSCvf76512	option 82 circuit-id-tag restricted by 6 bytes
CSCvf80495	IPv6 BGP network advertized not seen in the peer
CSCvui67191	Cisco IOS XE Software Ethernet Virtual Private Network Border Gateway Protocol DOS Vulnerability
CSCvc38538	IPSLA Y1731 start time is much greater than sysUpTime while doing snmpwalk
CSCvc61899	static route is not getting redistributed into RIP database
CSCvd38391	Standby Router: uea_mgr crashed @ ml2vpn_provision_pw_and_ac
CSCve37398	RSP3-L2VPN: Load balancing is happening based on wrong fields in P node when CW is enabled.
CSCvf30801	RSP3-QIP: LTM b/w CEs not working if MIP is configured on PE participating in VPLS
CSCvf52432	RSP3:Pending-issues & Ack upon defaulting all core interfaces in VPLS scale setup
CSCvf55306	Static route of which next-hop intf is GRE tunnel remains even if the tunnel is down
CSCvf56274	BGP VRF route redistribution into global routing table fails after a VRF route flap

Caveat ID Number	Description
CSCvf62916	Router crashes when doing "show ip bgp neighbor" on a flapping BGP neighborhood
CSCvf67269	IS-IS support for multi-instance redistribution for IPv6.
CSCvf72154	RSP3 - PIM neighborhood down on BDI interface due to packets ASIC loop.
CSCvf82663	ASR903/RSP3C crashed at dl_callback
CSCvg03308	[RSP3-DHCP-Relay]:unicast dhcp relay is getting dropped in transparent case with HSRP/VRRP/GLBP
CSCvg03542	[RIB route watch] detect stale pointer from client to avoid system crash with corrupted memory
CSCvg28721	RSP3:uea-mgr crashed while trying to install a label entry in kbp(update case)
CSCvg42691	RSP3- P node ECMP loadbalancing failing for ip traffic
CSCvg43975	RSP3: Leak in G8032 IOS TDL Messaging on Flapping the Ring
CSCvg48485	RSP3 - Ingress LDP label incorrectly programmed to FEC 0x0
CSCvh08220	RSP3: Crash in IOSD chasfs task on Defaulting and Removing IMA-1X
CSCvh10730	BFD stuck at init state for Sessin ID 1023 alone on ASR903 RSP3C after link flap
CSCvh20968	Multicast traffic not forwarded on VPLS after trigger
CSCvh51377	RSP3_400 : False Tx bias violation alerts seen on console with CPAK-100G-LR4 SFP's

Open Caveats—Cisco IOS XE Release 3.18.3SP (Cisco IOS Release 15.6(2)SP3)

Caveat ID Number	Description
CSCvg03308	Unicast dhcp relay is dropped in transparent case with HSRP/VRRP/GLBP
CSCvf84386	Router crashed after configuring PPP CHAP in multilink interface (OC3IM OC12IM)
CSCvf53910	Router crash on removing ipv4 address from BDI
CSCvf30034	On shut/no-shut Scaled BFD sessions continue to Flap, never stabilizes.
CSCve52155	RSP3: BFD Session Between 2 RSP3s Down on Reloading 1 RSP3
CSCve49550	IOX: OOS issue seen with 100Mbps sfp inserted on a SFP combo IM

Caveat ID Number	Description
CSCvf75773	RSP1: SYS-2-INPUT_GETBUF: Bad getbuffer, ... Process= ""<interrupt level>" traceback seen in RSP1.
CSCvf02136	VLAN Untagged Traffic Wrongly Punted to CPU When Service Instance Deleted
CSCvd89421	RMEP failure due to CFM HW table corruption
CSCvf30801	RSP3-QIP: LTM b/w CEs not working if MIP is configured on PE participating in VPLS
CSCvf34496	RSP3-QIP:Error objects on Stby cfm_mp_ifh 16794673 sid 3001 download to CPP failed seen upon IM-OIR
CSCvd83274	ASR903/RSP1B 4second upstream packet loss after SSO
CSCvd34256	RSP1 & RSP2 : metchain points to drop handle on SSO
CSCve37398	RSP3-L2VPN: Load balancing is happening based on wrong fields in P node when CW is enabled.
CSCvd44667	RSP3: PREFIX Object Errored Objects on Local Core Flaps and in Parallel on Other Routers in the Core
CSCvf52432	RSP3:Pending-issues & Ack upon defaulting all core interfaces in VPLS scale setup
CSCvf72154	RSP3 - PIM neighborship down on BDI interface due to packets ASIC loop.
CSCvf21368	RSP3: UEA_Mgr Crash on Checking IPv6 Multicast Flow in the Platform while Flows are Flapping
CSCvd13823	Storm control - L3 Mcast Traffic :: Not all packets are dropped
CSCvd06766	BC slave port stuck at Initializing state upon BC gets reconfigured.
CSCve05859	Exxx EIN: G.8275.1 testing: Clock loop forming between synce and ptp
CSCve43404	PTP Clock Creation Fails for Specific Sequence of Triggers
CSCvf08577	RSP3 Arad not able to timestamp higher stream id packets in default profile
CSCvf21504	RSP3: Gig TX RX Fails when RP SSO During Link Flap of Another Gig on Same IMA8S1Z IM
CSCve87759	RSP3: Link flaps on configuring G8275.1
CSCuz82303	Setting MTU to 9216 on routed interface causes scheduler(BRP/BRR) fail
CSCve86912	[Counter]: Giant/Runt/Pause Frame counters issue.
CSCvf13101	903/RSP3 - Active RSP3 crashes without any core file and standby RSP3 in hung state
CSCvf35475	RSP3: Standby RP packages.conf Not Updated when RP Crashes after RP SSO during ISSU
CSCvc50710	RSP2: Standby RP Crash in HA-IDB-SYNC Process on SOAK of Delete Reconfig CEM and ACR
CSCvb96943	Offset from master jumps to Huge value with SPAN
CSCvf80159	ASR9xx: nile_mgr crashes from cef lb msg
CSCvd77735	RSP3 - Small loss (6-10ms) observed for VPLS traffic when BGP backup peer is powered down
CSCvf03668	Mid-chain ADJ Error Object on MPLS TE Tunnel Interfaces and Core Gig Flap SOAK

Resolved Caveats—Cisco IOS XE Release 3.18.3SP (Cisco IOS Release 15.6(2)SP3)

Caveat ID Number	Description
CSCvf06768	TSoP: Add support for handling link failure (LOS condition)
CSCvd39154	RSP3: Preservation of Inner DSCP for IPV4 and IPV6 in Uniform Mode
CSCvd45201	Application of MQC under EC interface results in policing TeGi interface
CSCvd82957	RSP3 - L3VPN convergence during BGP LU PIC Edge is high
CSCve13089	License:unexpected rommon license boot variable&boot level metroservice configs set in standbyRSP3 .
CSCve49784	ASR903-RSP1/RSP3/RSP2 and ASR920 : router crashed during SNMPwalk in ISSU/SSO/reload
CSCve50842	OIR of PSU doesnt turn off of power supply alarm with platform expect-single-psu command
CSCve54991	Memory leaks due to Flexible NetFlow
CSCve58878	No APS trigger to Protect with core flaps/recover in Work followed by protect & then on work
CSCve81583	G8265.1: PTP not locking with some disturbance on master or master switch triggered
CSCve88177	Router reloaded due to SYS-2-INPUT_GETBUF: Bad getbuffer, ... Process= ""<interrupt level>"
CSCve91007	IoT: c3794 and EnM IMs are "out of service" in RSP2-64
CSCvf06768	TSoP: Add support for handling link failure (LOS condition)
CSCvf20723	Power supply alarm generated in the absence of power supply
CSCvf27398	RSP1: IOSd Crash in OCE Punted Pkts Process on ARP Flaps SOAK on Downstream Router
CSCvf54458	903: OOS issue seen at 8X1G IM
CSCvf55743	ASR903: ifHCInBroadcastPkts, ifHCOutBroadcastPkts return incorrect decreasing values for portchannel
CSCvf61265	Router was stucked in boot loop due to Line card in Slot 3 A900-IMA16D
CSCvf63185	Sticky bit not cleared and IOMD CPU utilization going upto 50%
CSCvf75418	Combo IM/2x10gig IM iomd cpu utilisation more than 50%
CSCve29462	BFD/ISIS stays in INIT-Down state on multiple interfaces.
CSCvf33518	On SSO L3VPN prefix is programmed with LFA backup interface as primary interface in PD.
CSCvf06625	Programming mismatch between Active & STBY after STBY reload for L3VPN prefix
CSCvd29919	RSP3-Not able to ping external IPv6 address from BINOS.
CSCve73883	[ASR903] RSP3 Ping is not successful after IP moved to different EFP
CSCvc60542	100% traffic loss seen with vlan_disable & untagged traffic in latest polaris_dev
CSCve22853	ASR900 improper SIGDET register setting could cause traffic failure and link down conditions
CSCvf01287	ASR907: ARP not getting resolved due to link fault between ARAD and PHY
CSCvf21487	ASR907: L2VPN attachment circuit is going down after SSO on the line card A900-IMA8S1Z
CSCvd99533	PHY INTR disable during XCVR INIT
CSCve65904	Tengig port going down after few reloads
CSCvd04381	Loopback local at tug levle e1 or t1 doesnt handle the Alarm condition
CSCvd69942	100% ipv6 packet drop for downstream traffic on ASR903 (RSP3C) when RPL state changes.

Caveat ID Number	Description
CSCvf21127	2 AC's in a VFI, when one interface is shutdown, traffic is not flood to other interface
CSCve10269	RSP3 unable to route(drops) unicast dhcp packets with giaddr field as 0.0.0.0
CSCve77231	RSP3:traffic failure on VRRP session and traces @ vrrp_comms_process_pak
CSCve10547	[RSP3-DHCP]:rsp3 is dropping dhcp bootp packets with src port 4011 and dest port 67/68
CSCve56434	"FMFP-3-OBJ_DWNLD_TO_DP_FAILED: SIP0: fman_fp_image: LENTRY" upon PC flap
CSCve26350	100% downstream loss after SSO on rsp1b
CSCve15834	BGP PIC-E: Double dip traffic loss on recovering primary ABR for CEM And EOMPLS VC
CSCvc32082	Handling FRR for reopt cases
CSCvc40326	HSPW : pw programming going for toss and traffic gets dropped after int flap
CSCvf05386	RSP2: Standby RP Get AToM Forwarding Context Cylon_Mgr Crash on Core Gigs Flap SOAK on RRs
CSCvf05587	RSP3 : 2 KBP entries created for ingress vpnv4 label - Label swap case
CSCvd96938	RSP3 crashes @ tbn_lookup, uea_cef_get_leaf
CSCve71908	RSP3-SOAK-Observing error objects "LB 0x938f download to DP failed" with soak
CSCvf22961	RSP3: VFI RCY LABEL IDMGR Leak on ARP and MAC Tables Flaps SOAK
CSCve81377	RSP3:CFMoVPLS scale:VPLS PD entry missing for few neighbors upon Soak
CSCvd57077	RSP3:Traffic Fails on FRR backup path while Primary is Active.
CSCvd76024	RSP3C : LB-MAP download error (PMF Prot Ptr already exists)
CSCvd42420	UMMT XE318SP RSP3: UEA_Mgr Crash in TBM Search on NFT PTP Next-Hop Lookup
CSCvd24027	UMMT XE318SP-ES5 RSP1 SOAK: PAN3 Nile_Mgr Crash on Flapping Global IPv4 and IPv6 Routes
CSCvd55076	UMMT: RLFA FRR - High convergence on shutting the core link
CSCve27750	ASR903/RSP1B Multicast Joins are not forwarded in ERPS scenario from Non-DR to DR.
CSCve88827	RSP1B not forwarding multicast traffic after ERPS link flap
CSCvd32237	RSP2 : MLDPv4 Full scale no DI programming on HE
CSCvd36747	RSP3 - Native IPv6 multicast stops working with soak test
CSCvd75444	UMMT XE318SP RSP1: Nile_Mgr Crash in IPv6 Native Multicast on Boot-up
CSCvd07855	1pps under a virtual port remains down after SSO on RSP2
CSCvd47051	8275.1 DPLL1 Lock status OFF sometimes
CSCve92481	After ASR9k PTP reconfiguration, slave 903 stuck in freq-lock state.
CSCve87122	Frequency Traceable Flag is set to false on downstream routers when 1pps is made down on TGM
CSCvd12047	G8275.1: syncE drift when PTP is removed from G8275.1 TBC.
CSCvd69590	G8275.1_RSP3: accuracy is ~500nsec when it uses to 10GE IM on first time boot
CSCve09409	HBC Slave router doesnot choose best clock based on Clock Class
CSCve27195	Non PTP packets getting timestamped post PTP loopback shut at PTP master
CSCvd83975	ptpd_uea crash observed after switchover
CSCvd72847	RSP2: [SW Workaround for FPGA bug] TOD load failing with IMA8S1Z after IM-OIR
CSCvf24207	RSP2_BC: Accuracy is bad on RSP2
CSCvf38857	RSP3 PTP BC is not locking to the Master via intermediate PTP aware nodes with tagging enabled.

Caveat ID Number	Description
CSCve83541	RSP3: IOSd Crash on Deleting PTP Loopbacks during ISSU SOAK
CSCve12246	RSP3: RSP3 which is locked to GNSS VP is not giving better accuracy
CSCvd00614	RSP3: BFD is flapping when removing PTP config
CSCvf19017	RSP3_GNSS: ToD down after reload on G8275.1T-BC
CSCvd49392	SETS introducing 1pps out value in 479ms as compared to input 1pps
CSCve34869	Traffic is not operation though it is up at 1G port.
CSCve43475	Vitesse SDK API's for timestamping should be called under WD disabled
CSCvd67376	ASR920 'set mpls experimental topmost' is causing 'set mpls experimental imposition' to not work.
CSCvd72604	Crash after policy map applied
CSCvb83795	RSP2: Queue node stuck during config replace results in 100% traffic loss on MLPPP Interface
CSCvd34788	ASR903 with RSP3 might crash with reason bulk sync failure
CSCvf40636	RSP3-200: Observing Packets drops if the Line Rate is more than 32%
CSCvd82999	ASR903 R0 suddenly switchover
CSCvd42504	UMMT XE318SP RSP1: Kernel Crash on Core 1G 10G Interface and BFD Flaps Multiple Times on Peer
CSCvc95602	ASR903 SDH counter errors
CSCvd79657	ENTITY-MIB table entries missing for E1/T1 ports on the IMA16D card for ASR903
CSCve73831	THS: After SSO/ISSU observed AIS Alarm in SYSTEM THS with XE318SP Image
CSCve65791	RSP1: Unexpected reload occurred in RSP1 with iosd crash and reload reason2
CSCvd38455	ASR 903 after RSP switchover stop to pass traffic for one BDI
CSCvb01698	LEAPSEC: leap second is not considered while setting PTP to system time
CSCvc99710	configuration of no-crc4 on protected cem-acr is failing
CSCvc21452	ASR903: ISIS routes are set with Max Metric due to IGP LDP Sync
CSCvc51408	ISIS route oscillation due to ldp sync and interface max metric
CSCvd81475	PTP: Transparent Clock is not supported on RSP3
CSCvd81474	PTP: Virtual-Port is not supported on RSP2
CSCvd00780	8275.1: PTP Packets are being dropped without untagged EFP on a tagged EFP interface
CSCvc94414	RSP3: Incorrect traffic rate received with specific values of CIR/PIR in HQOS policy
CSCvb82613	Tunnel/IGP down on SSO due to ingress VOQ packet drop

Open Caveats—Cisco IOS XE Release 3.18.2SP (Cisco IOS Release 15.6(2)SP2)

Caveat ID Number	Description
CSCvb45433	SLOS reported when we shutdown ais-shut enabled in SDH and SONET mode
CSCvd38455	ASR 903 after RSP switchover stop to pass traffic for one BDI
CSCvb01698	LEAPSEC: leap second is not considered while setting PTP to system time

Caveat ID Number	Description
CSCvb96943	Offset from master jumps to Huge value with SPAN
CSCvc99710	configuration of no-crc4 on protected cem-acr is failing
CSCvb51372	CEM jitterbuffer underruns with CEM marking policy
CSCvc21452	ASR903:ISIS routes are set with Max Metric due to IGP LDP Sync
CSCvc51408	ISIS route oscillation due to ldp sync and interface max metric
CSCvd81475	PTP: Transparent Clock is not supported on RSP3
CSCvd81474	PTP: Virtual-Port is not supported on RSP2

Resolved Caveats—Cisco IOS XE Release 3.18.2SP (Cisco IOS Release 15.6(2)SP2)

Caveat ID Number	Description
CSCvd12231	RSP3: Unicast ARP resolution fails in VRRP master state
CSCvc93188	Point to point is not pinging in REP topology on upgrade to 3.18SP1
CSCvc44209	RSP3: PTP synchronization not working MPLS speculative parsing
CSCvb91263	Memory leak in Cylong_mgr with native multicast configuration
CSCvb72640	MET Entries getting exhausted
CSCvb44210	EXP marking fails for untagged flows on EFP with "default" encapsulation
CSCvc37483	Memory leak in SNMP on ASR903 with RSP3c/RSP2
CSCvc27413	nile_netif (ERR) LINK messages are wrongly mapped ERR's in tracelogs
CSCvc15717	Fan speed control measures for overheating ASR920
CSCvb58857	LDP NSR : Remote Side VCs stays up even with local access interface shut after SSO
CSCvb41889	NTP leap second inserted every day after leap second occurs
CSCvb46984	Leap second is being set in spite of leap ignore being configured
CSCvb18384	SPF on adjacency down must wait for LSP GEN
CSCvc53794	RSP3: PTP over MPLS support
CSCvc77387	RSP3-DHCP-Relay]:unicast dhcp relay is getting dropped over vrf (transparent case)

Open Caveats—Cisco IOS XE Release 3.18.1SP (Cisco IOS Release 15.6(2)SP1)



Note

The Cisco IOS XE 3.18.1SP release is applicable only on the Cisco ASR900 RSP1 and RSP2 modules. The Cisco IOS XE 3.18.1bSP release is applicable only on the Cisco ASR900 RSP3 modules.

- [Open Caveats—Cisco IOS XE Release 3.18.1bSP, page 21](#)

Caveat ID Number	Description
CSCva16169	DS1:Traffic not resuming after Ctrl shut then SSO and No shut
CSCva54675	Incorrect Input/Output Rate Counters on T1/t3 CEM interface
CSCvb84096	"no channelized" configurations not saved for the DS3 ports
CSCvb77938	DS3 : On Channelized T1, AIS is not reporting properly
CSCvb13590	ASR900: OC3 IM Stops MLPPP Traffic due to Winpath BUS ERROR
CSCux45450	ASR900: OC3 IOMD CPUHOG on SOAK Test of SONET Shut and No Shut
CSCvb53939	CEMoUDP ACR : Cem circuit traffic loss on unconfiguring One Cem Ckt
CSCvb88307	Error on OCx IM soft reset with hw rev 1.0 OR less
CSCvb38142	MR-APS MLP. Fwding failure on Protect Activ SSO (With work disabled)
CSCvb62473	unwanted cem counters increment for 64kbps speed
CSCvb61221	RSP3 : IKEv2 IPsec tunnels stays down after ISSU
CSCvb59196	RSP3 : Ping/Traffic Failure on IPsec Tunnels after SSO
CSCvb73784	"dhcp_snooping_platform_parse_evc_cid: idb not found" for IMs on bay 15
CSCvc03169	"l2protocol tunnel" issue with Portchannel numbers >32
CSCvb77215	RSP3 : 6PE/6VPE traffic drop on SSO for ~30-40sec with VRRP
CSCvb75091	RSP3C is sending tagged PTP Packets to downstream node
CSCvb62690	ASR903 MPLS Label mismatch issue in PD
CSCvb17783	ASR903: RSP3C leak of PMF protection pointer resource
CSCvb72995	P2P Ping Failure due to ChCompactChecksumerrorCount
CSCvb49400	RSP1:Back to back failed because of either Invalid adjacency in PD or Incomplete adjacency in PD
CSCvb63314	Traffic not egressing out on AC after Standby PW became Active PW
CSCvb67543	uea mgr crash @"uea_mpls_atom" upon flapping core A/A Poch interface of peer box
CSCvb91263	Memory leak in Cylong_mgr with native multicast configuration
CSCvb72640	MET Entries getting exhausted
CSCvb35480	Port-channel flaps when OIR of RSP is done on RSP1
CSCvb71584	Bulk-sync failure - t3 clock source internal
CSCvb79737	RSP2: CEM Disposition FID Not Programmed on SONET Shut No Shut SOAK
CSCvb69334	RSP3 : default ingress CEM policy marking does not marks CEMoMPLS
CSCvb05110	ACR Not able to remove cem configs if only single physical controller is configured
CSCvb51372	CEM jitterbuffer underruns with CEM marking policy
CSCvb84308	CLI are not accepted for Path configured as T3 Mode.
CSCva77248	OCx APS-ACR ACR-DCR: ACR/DCR is not enabled for CT3 mode for t1 5
CSCvb57740	OCN IM Crash post IM FPGA upgrade + SSO
CSCvb78285	OCx:Iomd crash on Active RSP post SSO of admin down IM
CSCvb78369	OCX:Standby RSP crashed with hw-module stop
CSCvb24067	PMON Cleanup

Caveat ID Number	Description
CSCvb55300	Port-lic: Port licensing cmds Not synced to HA when IM is shut
CSCvb71044	RSP1: TUG2 AIS Alarm Not Syslogged
CSCuz39371	STS-1 path behaviour problem upon controller shut.
CSCvb68652	VTCEP AIS & B3 alarms on SSO & few DS1/VT1.5 SATOP with AIS
CSCuz51456	TSOP OC3 , POS takes 1-10 seconds to Convergence on SSO
CSCvb95537	VCoP OCx requesting the OCx license on the fly whenever the VCoP platform cmd configured
CSCuz89582	VCOP: B1/B2/B3 errors not detected

Open Caveats—Cisco IOS XE Release 3.18.1bSP

All open caveats that apply to Cisco IOS XE Release 3.18.1SP also apply to Cisco IOS XE Release 3.18.1bSP.



Note

This release is applicable only on the Cisco ASR 900 RSP3 Module.

Resolved Caveats—Cisco IOS XE Release 3.18.1SP (Cisco IOS Release 15.6(2)SP1)



Note

The Cisco IOS XE 3.18.1SP release is applicable only on the Cisco ASR900 RSP1 and RSP2 modules. The Cisco IOS XE 3.18.1bSP release is applicable only on the Cisco ASR900 RSP3 modules.

- [Resolved Caveats—Cisco IOS XE Release 3.18.1bSP, page 23](#)

Caveat ID Number	Description
CSCva90880	RSP1: Crash observed and the RSP1 box is reloaded.
CSCva63859	CEM FPGA Upgrade on ISSU
CSCva85759	CLI and MIB value not matching
CSCva27910	DS3 Jitterbuffer underruns/overruns
CSCvb25070	DS3: DSX-3-T3CFG_ERROR seen on standby console with ctrl shut
CSCva05301	4xOC3 IM unable to reset itself after IM FPGA upgrade
CSCuz95664	ASR900: OC3 IM Runs Out of FIFO Buffer on Reassembling MLPPP Fragments
CSCuz95621	ASR900: OC3 IOMD Crash on RP SSO while MLPPP Scale Sessions Flap
CSCva30101	snmp mib and device configs not matching
CSCva73212	serialim payload size should be started from 4
CSCvb83576	ASR903 crash & reboot when set ospfv3 auth & ipv6 BDI & Porchannel.
CSCvb39328	IM in Slot 2 is OutOfService without IPsec license on UNIVERSALK9 image

Caveat ID Number	Description
CSCva99605	RSP1B:AIS enter/exit defect condition msgs even with RMEP's learnt
CSCva95949	G8032:Getting doubled packets at access side in RSP2
CSCvb18966	mIacp standby POA link forwards mcast/broadcast traffic after reboot
CSCvb41430	Ping fails on BDI configured for EVC untagged poch interface
CSCvb25184	RSP3: Ingress traffic flow via AdminDown EFP on PoCh interface
CSCCuz90585	RSP3:Egress filtering rule might fail here messages on configuring T-EFP
CSCva13798	RSP3:Uea mgr crash on "show mac-address-table secure" command
CSCva38115	SMMac on EFP not getting flushed out on deleting & reconfiguring the BD
CSCCuz94074	Spanned CCM tx packets are incorrect for Up mep on 1gig interface
CSCvb50175	Traffic flow via mst block port upon removing & re-add mem-links across IM
CSCvb50432	[RSP3-DHCP-Relay]:unicast dhcp relay is getting dropped in transparent case
CSCva21655	BDI MPLS MTU cannot be set more than 1500
CSCCuy46447	Flex-LSP:Tunnel flap is observed due to W-LSP BFD goes down after reopt
CSCva39555	MPLS Forwarding Issue on ASR903
CSCva66169	RSP2 crashed @ nmpls_lentry_get_atom_fwd_ctxt when flaps
CSCva01298	RSP2: 1st Iteration PIC Edge Cutover Downtime Above 1sec on VC Flap
CSCvb61160	RSP3: HW-LB: L3VPN - Path is preselected though PIC is enabled
CSCCuy07786	RSP3:ECMP Load-balance for TAG-TO-TAG in hardware does not work
CSCva52316	uea_mgr crash is observed after multiple shut/no shut xconnect
CSCva77243	PIM neighbours doesn't come up with portchannel on shutting the backup link
CSCvb63102	cfm interface status tlv show down when CFM up mep session running on top of HSPW
CSCva77020	cmand crashes while doing SSO
CSCva51751	PTP packets are not time stamped with MPLS label
CSCva14621	ptpd_uea crash due to watchdog due to mutex deadlock
CSCvb49938	UDP packets are getting corrupted in MPLS De-Agg case
CSCvb19265	IPv6 QoS ACL - When host ip doesn't get matched traffic flow is blocked
CSCvb34371	Qnode struck when attaching qos policy on members of portchannel
CSCva97899	RSP2: class level queue getting exhausted on hqos configuration
CSCvb00921	EXP to COS propagation for CEM traffic
CSCva71102	"cefcFanTrayOperStatus" to provide a state "warning(4)" for fan failures
CSCva89579	Incorrect values for cevcEvcStatusChangedNotification trap components
CSCva61563	MRAPS 1+1: High convergence on work active router reload
CSCvb39826	MRAPS 1+1: one sec traffic outage on protect active reload.
CSCva06999	ACR/DCR Clock state is not changing for shut on CE after SSO
CSCvb32105	APS STS-3C CEP TX failure due to null DMAC for CEM in FPGA
CSCvb28653	OCx controller state not in sync on shut/no shut
CSCvb41793	Port Licensing

Caveat ID Number	Description
CSCva79592	Epar enablement and support of N/P bits and ACR support on APS
CSCvb01623	Loopback network for ct3 and vt1.5 not working
CSCvb05150	Not able to remove cem-config
CSCvb69429	OCx: Active RSP crash after OCN IM OIR
CSCvb42004	OCx: Syslog Msg for AC_DCR for T1 to change
CSCvb05140	Order of removal of global recovered-clock config
CSCvb85315	POS interface J1 byte message & PATH TRACE not seen under show controller POS<> output
CSCvb81516	router crash when show platform software dpidb index command is run
CSCuy11711	TIM-S,TIM-P and TIM-V fields are not showing on show controller output
CSCva63855	Unable to configure APS service with CEM group > 0
CSCvb47802	VZ IM: STS-12c crashed after multiple config + unconfig

Resolved Caveats—Cisco IOS XE Release 3.18.1bSP

All resolved caveats that apply to Cisco IOS XE Release 3.18.1SP also apply to Cisco IOS XE Release 3.18.1bSP.



Note

This release is applicable only on the Cisco ASR 900 RSP3 Module.

Caveat ID Number	Description
CSCvc45543	RSP3: Outgoing interface/label is not correctly programmed
CSCvc44209	RSP3: PTP synchronization not working MPLS speculative parsing

Open Caveats—Cisco IOS XE Release 3.18SP (Cisco IOS Release 15.6(2)SP)

Caveat ID Number	Description
CSCux62561	Flex-LSP:High convergence is observed randomly during cutover
CSCux74888	DS3: uea_mgr crash seen after multiple IM hard OIR
CSCuz26189	Standby crashed after several iterations of Config/Unconfig script
CSCuz49527	slot 5 in 907/4216,intermittent drop & traffic down post router reload
CSCuz51456	TSOP OC3, POS takes 1-10 seconds to Convergence on SSO
CSCuz78113	OCx HA: Traffic outage is seen during SSO for few ckts at 4K scale
CSCuz83377	GNSS:Huge offset seen in HBC on OC-M RSP3 switchover
CSCuz89880	RSP1: EoMPLS HSPW Traffic Fails as NILE Disposition Object Invalid

Caveat ID Number	Description
CSCuz92275	RSP3: Egress COS marking not supported on inner vlan (dot1q/ad)
CSCuz95621	ASR900: OC3 IOMD Crash on RP SSO while MLPPP Scale Sessions Flap
CSCuz95664	ASR900: OC3 IM Runs Out of FIFO Buffer on Reassembling MLPPP Fragments
CSCva01298	RSP2: 1st Iteration PIC Edge Cutover Downtime Above 1sec on VC Flap
CSCva06999	ACR/DCR Clock state is not changing for shut on CE after SSO
CSCva14263	DS3 IM: IOMD crash on slot 10 in DSx loaded setup over router reload
CSCva14445	OCN IM FPGA Upgrade fails with ISSU
CSCva16169	DS1:Traffic not resuming after Ctrl shut then SSO and No shut
CSCva19705	RMEP not learn with PUSH TAG + FLEXLSP
CSCva27910	DS3 Jitterbuffer underruns/overruns
CSCva48138	G8275.1 : Peer interface down with local SSO or config changes on RSP2
CSCux45450	AASR900: OC3 IOMD CPUHOG on SOAK Test of SONET Shut and No Shut
CSCux89775	RSP2:CFM UP MEP is not working when the core interface are POS
CSCva05301	4xOC3 IM unable to reset itself after IM FPGA upgrade
CSCva41678	OC3 IM continuously rebooting after shutdown at high temperature

Resolved Caveats—Cisco IOS XE Release 3.18SP (Cisco IOS Release 15.6(2)SP)

Caveat ID Number	Description
CSCuw26295	RSP1: MR-APS Protect Active RSP SSO Convergence Time 2 seconds
CSCux57467	IOT:E&M: 1/6 IM does not come up when we insert 6 E&M IM in 1 chassis
CSCux62888	RSP2: 126 EAIDs Leaked when 126 MLPPP Bundles Flapped
CSCux77242	RSP3-IGMP snooping not able to snoop joins of all 800 groups from a rcvr
CSCux78031	RSP2: CEM Disposition Traffic Fails on Protect Active SONET Shut No Shut
CSCux91743	32T1E1: 1st VC goes down after Unconfig/Config of Loopback associated
CSCuy00543	RSP3 : Observing cfm errors due to missing fields in ccm
CSCuy09081	RSP2: MLP Ingress Traffic Fail as InL3IDC Not Programmed on SONET Flaps
CSCuy35875	Tx bias low alarm on 100G CPAK 100GE LR4 optics
CSCuy81971	ZR sfp+ link going down in remote side with sso, in 2X10gig im
CSCuz01915	RSP-3C-200 BFD stuck in Init state
CSCuz39929	ASR900 memory leak in SSFPD code
CSCuz89488	EPAR clocking: PAIS seen every 10mins for STS-12C CEP
CSCva13798	RSP3:Uea mgr crash on "show mac-address-table secure" command

