



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.

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Cisco Bug Search Tool

[Cisco Bug Search Tool](#) (BST), the online successor to Bug Toolkit, is designed to improve effectiveness in network risk management and device troubleshooting. You can search for bugs based on product, release, and keyword, and aggregates key data such as bug details, product, and version. For more details on the tool, see the help page located at <http://www.cisco.com/web/applicat/cbsshelp/help.html>

Open Caveats – Cisco IOS XE Everest 16.6.9

Caveat ID Number	Description
CSCve78337	MLP MRAPS convergence is high on Work-Active SSO node
CSCvf08656	Cisco RSP3 module: Traffic fails for few labelled BGP prefixes (BGP label imposed is incorrect)
CSCvn47496	ENH : RSP3C request for overriding restriction "MVPN-GRE VRF-SM: RP must be at Encap PE"
CSCvr54918	MPLS MTU is not correctly derived from interface MTU after reload
CSCvs19041	Traffic sent to the subnets routed over VRF, packets ends up in default class - wrong classification
CSCvw64784	Cisco RSP2 Module CEM ACR: Unable to reuse same clock ID on another controller after clock ID is deleted.

Platform Independent Open Caveats – Cisco IOS XE Everest 16.6.9

Caveat ID Number	Description
CSCvg75709	Unnecessary RIB updates are observed when metric-style transition is configured.
CSCvs15808	VRRPv3 fails on port-channel sub-interface.
CSCvt08609	Secondary IP address is invisible when interface configure with DHCP as primary ip address

Resolved Caveats – Cisco IOS XE Everest 16.6.9

Caveat ID Number	Description
CSCvr69196	Cisco IOS XE software for Cisco ASR 900 Series RSP3 arbitrary code execution vulnerability
CSCvs34482	ISSU is not working on Cisco RSP2 module nodes
CSCvt99095	Traceback: High CPU on standby RSP due to IOMD with A900-IMASER14A/S installed

Platform Independent Resolved Caveats – Cisco IOS XE Everest 16.6.9

Caveat ID Number	Description
CSCvr83128	Cisco IOS and IOS XE software MP-BGP EVPN Denial of Service vulnerability
CSCvt78186	Cisco IOS and IOS XE Software split DNS Denial of Service vulnerability
CSCvu18001	Segmentation fault observed in BGP -"UNIX-EXT-SIGNAL: Segmentation fault(11), Process = BGP Scanner"
CSCvu85572	Dynamic neighbor does not form when peer-group is shutdown in different VRF
CSCvv64633	BGP: advertised community list is malformed due to GSHUT community

Open Caveats – Cisco IOS XE Everest 16.6.8

Caveat ID Number	Description
CSCve35835	MRAPS 1+1 UNI : RP switchover on work-active triggers APS switch
CSCvf08656	RSP3 : Traffic failure for few Labelled BGP prefixes (BGP label imposed is incorrect)
CSCvk68174	Led Indicator on ASR903 showing down after configuring xconnect
CSCvn55871	T1 serial interface went down with encapsulation mode as PPP with remote loopback config as iboc.
CSCvp37091	40G and 100G Reading threshold values from ID prom instead of static ios tables
CSCvr61610	Kernel Crash observed with Core Port Shut/Un-shut
CSCux57435	RSP3: Display slot 3 PSU along with other PSUs

Resolved Caveats – Cisco IOS XE Everest 16.6.8

Caveat ID Number	Description
CSCvk56297	Enhancement request to warn about different software image in RSP3
CSCvt15949	Config unconfig of ACL with running-config CLI results in Error objects
CSCvf30430	CLI and MIB value not matching

Open Caveats – Cisco IOS XE Everest 16.6.7

Caveat ID Number	Description
CSCvq74237	Critical Alarm for serial card reappear after RP switch over
CSCvk68174	Led Indicator on ASR903 showing down after configuring xconnect
CSCvq74237	Critical Alarm for serial card reappear after RP switch over

Open Caveats – Platform Independent

Caveat ID Number	Description
CSCvn22199	ISR4K fails to authenticate users via dot1x following interface flap
CSCvo58118	CTS Environment-data is not getting refreshed on the device
CSCvp66281	default ip forward-protocol udp xx changed to no ip forward-protocol udp xx after rollback
CSCvq56114	Cat3k crash in IGMP code due to invalid source count in DNS lookup
CSCvq57996	RADIUS attribute 4 (NAS-IP-Address) is not honored
CSCvq69866	HSRPv2 crash whilst retrieving group from received packet
CSCvq72298	Router crashed on running show policy-map interface <> output command
CSCvq75307	Crash due to watchdog after adding a prefix-list/ Route-map entry to existing route map.
CSCvq78692	mGRE L3VPN broken after reload
CSCvq89252	IP SLA for Path-Jitter returning a value which isn't defined by the MIB
CSCvq91789	When issuing ip helper-addresses x.x.x.x command, "sh run" and "sh run all" show differently

Caveat ID Number	Description
CSCvq97365	2 interfaces of client in different vrf connected to same vlan of server not able to get ip via dhcp
CSCvr00183	AAA accounting issue after router reload when mGRE and L3VPN configured
CSCvr00344	"ip access-list logging hash-generation" removes ACL statements upon reload
CSCvr05406	LISP Map-cache not updated correctly after wired Host-mobility
CSCvr08961	Switch stop responding to CoA
CSCvr10897	Adjacency SIDs not detected in mpls traffic-eng topology (interop issue)
CSCvr26105	ICMP Redirect Message is sending incorrect next-hop in the "gateway address"
CSCvr26693	The order of cEigrpPeerAddrType value and cEigrpPeerAddr value does not follow SNMP Object Navigator
CSCvr31017	ip gratuitous ARP is not VRF aware
CSCvr32292	Router may crash due to segmentation fault after running EEM script

Resolved Caveats – Cisco IOS XE Everest 16.6.7

Caveat ID Number	Description
CSCvj00222	Intermittent packet drops for small size vrf ping (64-72)
CSCvp24919	ToD UBX Format - Incorrect header and checksum calculation
CSCvp67001	IM Secure FPGA
CSCvp86314	IM Secure FPGA
CSCvp86329	IM secure FPGA

Resolved Caveats - Platform Independent

Caveat ID Number	Description
CSCvd55092	C3650 traffic will not be block although hit deny ACL entry
CSCvd67904	4500X does not run dot1x when a laptop wakes from sleep mode
CSCve57810	Amur failing over w/o 'fail next-method' or 'no-response next method'
CSCvg32153	"show interface port-channel" falsely reports output drops when there are no actual output drops

Caveat ID Number	Description
CSCvh26032	ICMP Redirect Message is sending incorrect next-hop in the "gateway address"
CSCvh49874	FNF monitor download to DP failed after changing netflow record
CSCvi22263	Crash when IOS is adapting shaping with Adaptive QoS over DMVPN configured
CSCvj41876	Prefixes are stuck indefinitely in the BGP pending-prefixes list
CSCvj76866	Partial Power Failure in Stack Causes Interfaces to Become "shutdown"
CSCvk51939	SSS Manager Traceback observer when test MLPPP
CSCvm10850	Crash after CPUHOG in ISDN L2D SRQ Process
CSCvm47690	Addition/Edits to numbered OG ACL using "access-list <>" command does not re-expand the ACL.
CSCvn00104	Software crash due to memory corruption after packet trace was enabled.
CSCvn23906	DHCP Server sends Renew ACKs to Clients with 00:00:00:00:00:00 MAC in L2 frame
CSCvn45732	Device crashing if we unconfigure the NTP on the device
CSCvn78961	Subscribers cannot re-login due to CoA time-out (lite-sessions in routed mode)
CSCvo06817	Router crash while executing show commands using ' ' (pipe) to filter the output.
CSCvo10145	Memory overlay crash when using include-cui
CSCvo10491	PnP Agent should detect image upgrade scenario and configure dialer to bring up cellular interface
CSCvo17287	ASR1001-X crashed upon receiving Radius Access-Accept message
CSCvo21122	Memory leak at hman process
CSCvo36031	WSMA crash formatting show command output
CSCvo55194	After RSP switchover label imposition was not programmed in Software on APS standby router
CSCvo58098	CTS PACS not downloading to the devices
CSCvo65415	ASR1k crashes by handling DHCP packet
CSCvo71721	When sending account-logon ISG do not reply with ACK nor NACK.
CSCvo87827	Crash when polling IPForwarding MIB
CSCvo90060	Wrong label programming leading to traffic drop
CSCvp24981	When FQDN used for APN, IOS DNS resolves FQDN to IP, but GTP stays in DNS pending and IP 0.0.0.0

Caveat ID Number	Description
CSCvp27220	Tail drops on IPSLA sender when using scaled udp-jitter probes
CSCvp38407	"Radius-server attribute 31" command broken on LNS when LAC sends Remote-Id string
CSCvp70443	isdn cause-location command support for switch-type primary-ntt
CSCvp72379	ip dns primary command does not get removed
CSCvp74674	QoS fails to apply to tunnel2 when underlying tunnel1 reachability change
CSCvp84831	name-ip_address mapping is bypassed when the ip domain command is configured on Cisco C1111X Router
CSCvp87488	no login on-success log CLI does not persist across device reloads
CSCvq00263	Device crashed @ radius_io_stats_timer_handler due to dynamic-author
CSCvq04828	VRF aware reverse DNS lookup not working
CSCvq04989	ping between 2 Interfaces is not working , dialer interface is interfering in the ARP Process
CSCvq20005	SRMS tries to build a snapshot when there are no SIDs
CSCvq50202	Class-attributes duplicated after EAP reauthen. in ISG radius proxy scenario
CSCvq58265	ASR1K BGP PIC Repair path broke after link flap
CSCvq65283	VXLAN EVPN BGP NEXTHOP not correctly changed with Route-map

Open Caveats – Cisco IOS XE Everest 16.6.6

Caveat ID Number	Description
CSCvp12102	New MPLS entry caused the router to crash
CSCvj33102	[SVSP-215]-AINS card type profile not working post router reload for DS1 card

Resolved Caveats – Cisco IOS XE Everest 16.6.6

Caveat ID Number	Description
CSCvj50537	ISSU Failure
CSCvk54023	Convergence delay in active RSP removal
CSCvk75941	Interface comes out of PoCH on IM OIR followed by RP OIR.

Caveat ID Number	Description
CSCvn08456	Giant counters incremented for packets bigger than 1500 bytes

Open Caveats – Cisco IOS XE Everest 16.6.5a

Caveat ID Number	Description
CSCvc38475	Serdes not locking with ISSU and reload
CSCvd44667	RSP3: PREFIX Object Errored Objects on Local Core Flaps and in Parallel on Other Routers in the Core
CSCve10095	Traffic is getting dropped in both direction due to hw programming went for toss
CSCve16996	Ingress classification misbehaves after removing set qos-group statement from a class.
CSCve22604	RSP3:QOSMGR-4-QUEUE_EXCEEDING_HW messages are seen on port-channel remove and re-config
CSCve37392	RSP3: with ingress dscp (1k tcam scale)policy-map scale and remove, stale TCAM entry found
CSCve63423	Egress Policy-map stats(Output packet counts) accounting twice with policy at Port and EFP
CSCve86912	[Counter]: Giant/Runt/Pause Frame counters issue.
CSCvf08656	RSP3 : Traffic failure for few Labelled BGP prefixes (BGP label imposed is incorrect)
CSCvf45267	RSP3 - Loadbalance map not getting deleted (IM OIR)
CSCvg76895	VID.116-ONS-SI-2G-L1 SFP is rejected by Sonet Module - OC48 SFP Init failure image
CSCvj33102	[SVSP-215]-AINS card type profile not working post router reload for DS1 card
CSCvj75078	RSP3: IOMD crash @ iomd_bsess_open_callback_retry on new active after RP SSO
CSCvk54023	Convergence delay in active RSP removal
CSCvn08456	RSP3: Giant counters incremented for packets bigger than 1500 bytes
CSCvn43045	[RSP3] DHCP packets dropped over the split horizon VPLS EFP
CSCve64323	RSP1:MPLS MTU programming fails on standby with latest image
CSCve72906	RSP3:ECMP LB seen when flags field is changed in ip header with 14 header in 4 label scenario
CSCvg43968	CREATE:Cylon Mgr crash @ adjmgr_get_fid_index
CSCvi21714	ASR907 showing alarms of power supply 3 missing

Caveat ID Number	Description
CSCvi53346	RSP3 : BFD packets not sent out towards 9K after timer change and link flap
CSCvi79409	ENM flaps/hangs on configuring CEM interface
CSCvi92596	ISSU: interface module delay calculation needs to be enhanced for TDM IMs
CSCvj50335	SERDES lock issue on DS1 IM in slot15
CSCvj60379	RSP3: ARP Request Not Generated when IPv4 Routable Packets with L4 Header are Punted
CSCvk07960	RSP3_400 - silent reload - Last reload reason: Critical process smand fault on rp_0_0 (rc=0)
CSCvk62834	16101:cylon_mgr crash@nile_cef_prefix_v4u_get_adj_info seen in soak run on 16th July Polaris image
CSCvm96368	non-Cisco USB is not recognized in rommon while it shows up in IOS-XE
CSCvh05072	Cem Sys : LOF/AIS are set on T3 under STS in arrive but not asserted in IOS
CSCvi40742	Configuration change on E&M interface results in xconnect failure
CSCvm84355	[SVSP-299]-'linkDown' trap should not be sent when the port is in AINS mode-[SVSPE-570]
CSCvk47892	ASR900-RSP3C-400:For ONS-SC+-10G-Z SFP , intf doesnt come up aftr "hw-module subslot <>stop/start"
CSCvd58289	IPC buffer leak during error conditions

Resolved Caveats – Cisco IOS XE Everest 16.6.5a

Caveat ID Number	Description
CSCvd58289	IPC buffer leak during error conditions
CSCve64323	RSP1:MPLS MTU programming fails on standby with latest image
CSCve72906	RSP3:ECMP LB seen when flags field is changed in ip header with l4 header in 4 label scenario
CSCvi21714	ASR907 showing alarms of power supply 3 missing
CSCvi53346	RSP3 : BFD packets not sent out towards 9K after timer change and link flap
CSCvi92596	ISSU: interface module delay calculation needs to be enhanced for TDM IMs
CSCvj50335	SERDES lock issue on DS1 IM in slot15

Caveat ID Number	Description
CSCvj60379	RSP3: ARP Request Not Generated when IPv4 Routable Packets with L4 Header are Punted
CSCvk07960	RSP3_400 - silent reload - Last reload reason: Critical process smand fault on rp_0_0 (rc=0)
CSCvm96368	non-Cisco USB is not recognized in rommon while it shows up in IOS-XE
CSCvh06656	Malformed OSPF packet causes crash
CSCvg28351	VPLS with Segment Routing not flowing traffic.
CSCvi21308	RSP3_400 : Tx bias values are high on CPAK-100G and QSFP-40G SFP's
CSCvi67694	100Gig link is up in one node and down in peer side after multiple reloads with CPAK-SR-10 optics
CSCvk20779	APS switch times exceed 50ms in Rx direction for T3 SATOP with Eomer

Open Caveats – Cisco IOS XE Everest 16.6.4

Caveat ID Number	Description
CSCui87222	IP directed-broadcast functionality not working on RSP1/RSP2
CSCve73831	THS:After SSO/ISSU observed AIS Alarm in SYSTEM THS with XE318SP Image
CSCvf55327	CLNS interop with ONS not working
CSCvg21899	Traffic forwarding not happening for VLANs added via "encap dot1q add" command in TEFP
CSCvh52244	Uni-directional communication failure with IOT Legacy IMs
CSCvh55384	Need to Accept User Configurable 4Wire E&M CEM Payload and Dejitteer Buffer Values
CSCvh55399	T1 Service Latency is Asymmetric in a Simple Linear Topology
CSCvh69270	RSP2_MLDP-Rentry chunk memory leak when zapping the multicast channels
CSCvh76761	A900-RSP3C-200-S RSP module crashes while MPLS TE tunnel interfaces comes up
CSCvh79267	RSP3: Hundredgig interface goes down with reload with SR10 H/W settings
CSCvi21134	C37.94 port change leads to controller flap
CSCvi25653	TDM-IOT: observing uni-directional traffic failure after replacing TDM IM with IOT IM

Caveat ID Number	Description
CSCvi32766	9400: entSensorThreshold traps are generated even when temperature threshold isn't crossed
CSCvi41087	E&M:Payload size other than multiple of 48(96,192...) bytes never work in TO mode
CSCvi55229	ENM Type 3 doesnt work on port 4 , if port 0 is also configured for ENM Type TO
CSCvi70138	Adptive Clock Rec and master CEM is chosen automatically on the CEM circuit in IMA8D
CSCvi85693	Mac Flap Syslog Notification not working after reload
CSCvj43887	Type TO is not working for different payload sizes
CSCvd99581	RSP3-400: In polaris Fan speeds are not set properly according to the temperature
CSCvi21308	RSP3_400 : Tx bias values are high on CPAK-100G and QSFP-40G SFP's
CSCvg92065	PTP session stuck in HOLDOVER in RSP2 Timing WRT - 1588_Transparent <Vz>
CSCvi71909	G.8265.1- T3 packets getting stopped while adding and deleting clock source multiple times.
CSCvj57301	[VF-PT] Slave not locking on a specific port (IMA8T Gi0/5/0)
CSCuy78963	FNF CLIs are visible for templates other than netflow-video in Striker

Resolved Caveats – Cisco IOS XE Everest 16.6.4

Caveat ID Number	Description
CSCuy84775	Slow response when typing in CLI on telnet session
CSCvb96943	Offset from master jumps to Huge value with SPAN
CSCve53492	IOT: For Serial(with RS232) interface IfType comes as other instead of serial/RS232
CSCvg70409	IOT: For Serial IM, flowcontrol is not applicable
CSCvh32219	Require Environmental Syslog message during Recovery of temperature and voltage Threshold Violation
CSCvi40742	Configuration change on E&M interface results in xconnect failure
CSCvi53346	RSP3 : BFD packets not sent out towards 9K after timer change and link flap
CSCvi72770	Unpredictable asymmetry across the port on C37.94 IM
CSCvi79409	ENM flaps/hangs on configuring CEM interface
CSCvj05472	Running line rate traffic on an internal loopback impacts BFD session

Caveat ID Number	Description
CSCvj10722	CEM Pseudo wire flap on SSO
CSCvj22030	ACR fails with +/- 50 ppm tolerance
CSCvj61645	Incorrect Tx/Rx optical power thresholds for QSFP-40G-LR4
CSCvj43887	Type TO is not working for different payload sizes
CSCve43412	RSP3: CFM stats are not working on latest polaris images
CSCvi79552	HSRP and VRRP didnt converge with Multi Active portchannel Template
CSCvj13676	ENM IM : remove signal command from Type TO mode
CSCvi85693	Mac Flap Syslog Notification not working after reload
CSCvi70138	Adptive Clock Rec and master CEM is chosen automatically on the CEM circuit in IMA8D

Open Caveats – Cisco IOS XE Everest 16.6.3

Caveat ID Number	Description
CSCuz24819	Crash seen when WAN-PHY mode is enabled in RSP3
CSCvg57555	Parity: show logging soft-error command with slot (RO/ R1) selecting option not present.
CSCvh76761	A900-RSP3C-200-S RSP module crashes while MPLS TE tunnel interfaces comes up.
CSCvb99102	MH BFD session flaps on shutting interface of no relevance to BFD session.
CSCvd13823	Storm control - L3 Mcast Traffic : Not all packets are dropped.
CSCvd38391	Standby Router: uea_mgr crashed @ ml2vpn_provision_pw_and_ac
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.
CSCve10095	Traffic is getting dropped in both direction due to hw programming went for toss
CSCve16996	Ingress classification misbehaves after removing set qos-group statement from a class.
CSCve22604	RSP3:QOSMGR-4-QUEUE_EXCEEDING_HW messages are seen on port-channel remove and re-config
CSCve20630	RSP2 TDM THS : Core generate during reload : unable to initialize the bipc manager

Caveat ID Number	Description
CSCve72906	RSP3:ECMP LB seen when flags field is changed in ip header with l4 header in 4 label scenario
CSCve86912	[Counter]: Giant/Runt/Pause Frame counters issue.
CSCve92911	TCAM limit exceeded with interface flaps without any feature enabled
CSCvh67059	ASR903 detected %EC-5-MINLINKS_NOTMET more earlier.
CSCvb96943	Offset from master jumps to Huge value with SPAN
CSCvd77735	RSP3 - Small loss (6-10ms) observed for VPLS traffic when BGP backup peer is powered down
CSCvd95331	Eomer: Eomer support on slot 0 and 1 to be blocked
CSCve04570	Polaris_dev - RSP2 MPLS WRT - CFM ping is not working in SLMoVPLS.
CSCve35835	MRAPS 1+1 UNI : RP switchover on work-active triggers APS switch
CSCve37392	RSP3: with ingress dscp (1k team scale)policy-map scale and remove, stale TCAM entry found.
CSCve63423	Egress Policy-map stats(Output packet counts) accounting twice with policy at Port and EFP
CSCve78337	MLP MRAPS Convergence is high on Work-Active SSO node
CSCve79697	BERT TUG3 VC3 with ACR and non-ACR unconfig cem/mode issue.
CSCvf08656	RSP3 : Traffic failure for few Labelled BGP prefixes (BGP label imposed is incorrect).
CSCvf17498	100BASE EX showing wrong PID in all UEA platforms.
CSCvf45267	RSP3 - Loadbalance map not getting deleted (IM OIR).
CSCvg28351	VPLS with Segment Routing not flowing traffic.
CSCvh07238	Unable to copy image from TFTP to RSP3C bootflash with higher block size.
CSCvh07238	Standby RP relaoded while re configuring the card mode.
CSCvd08449	RSP2:BCPoMLPPP: %FMFP-3-OBJ_DWNLD_TO_DP_FAILED console logs results in pending/error object
CSCvd87285	ASR920 - Display issue - Egress i/f and L2 stats shows "unknown" and no packet drops
CSCve90690	L3 convergence for REP is more than 50ms, which is incorrect
CSCvf22580	IOT: For C3794 controller Listing type as VOICEEM(100) insteadof VoiceEnCap(103)
CSCvf76091	FP fails to bootup with mac security configurations

Caveat ID Number	Description
CSCvf82663	ASR903/RSP3C crashed at dl_callback
CSCvg08224	G8265.1: PTP flaps between HOLDOVER and LOCKED with 64/64 packet rate and HOTSTANDBY
CSCvg22098	Celeborn: Dev_pluggable inconsistent console log seen in THS
CSCvg29464	OSPFv3 neighbors stuck in EXSTART state when ingress ACL references IPv6 headers
CSCvg30892	License:observing ptp command failure error as part of moving from CSL to SL
CSCvg31244	ASR900 RSP3C corrupts MGCP transaction ID
CSCvg36086	100G driver switchover failure on forced SSO crash scenario causing serdes lock/ping failures
CSCvg36641	Dying gasp snmp trap not seen with RSP2
CSCvc59505	Member link of Port channel gets removed on doing a SSO on the peer end
CSCve64341	920 : Mid Point LSP creation failure after reload with latest polaris Image
CSCvc38475	Serdes not locking with ISSU and reload

Resolved Caveats – Cisco IOS XE Everest 16.6.3

Caveat ID Number	Description
CSCvf03157	RSP3:PC stays in suspended state on IM OIR
CSCvf72154	RSP3 - PIM neighborship down on BDI interface due to packets ASIC loop.
CSCvc94414	RSP3: Incorrect traffic rate recieved with specific values of CIR/PIR in HQOS policy
CSCvh06657	ASR03 RSP3C crashed @ spa_entity_sensor_xcvr_get_data
CSCvh08220	RSP3: Crash in IOSD chasfs task on Defaulting and Removing IMA-1X
CSCvh67319	ASR903: Router unresponsive during bootup with the packages.conf file
CSCve05859	Exxx EIN: G.8275.1 testing: Clock loop forming between synce and ptp
CSCve37398	RSP3-L2VPN: Load balancing is happening based on wrong fields in P node when CW is enabled.
CSCve53479	LOTR OCx: SNCP - CEM-PG controller is DOWN after PG shut / no shut
CSCve55240	LOTR OCx: SNCP - PG cem group is not attached to physical leg for 2nd cem-group on same port
CSCve75491	TE auto-bw: Incorrect bandwidth requested on soaking with traffic

Caveat ID Number	Description
CSCve87759	RSP3: Link flaps on configuring G8275.1
CSCvf72165	MPLSoRPW: Traceroute not working over Routed PW interface
CSCvf82589	Traffic loss seen with L2 Xconnect on 10G celebren
CSCvg01577	LineStatusChange notification with not proper for clear event and problem event
CSCvh10730	BFD stuck at init state for Sessin ID 1023 alone on ASR903 RSP3C after link flap
CSCvh51026	ASR903 : Router unresponsive and hangs during boot-up while loading router with package image file
CSCvf99946	size of adjacency flags field in cef_adj datastructure must be 32 Bits

Open Caveats – Cisco IOS XE Everest 16.6.2

Caveat ID Number	Description
CSCuz24819	Crash seen when WAN-PHY mode is enabled in RSP3
CSCvb96943	Offset from master jumps to Huge value with SPAN
CSCvb99102	MH BFD session flaps on shutting interface of no relevance to BFD session.
CSCvc38475	Serdes not locking with ISSU and reload
CSCvc94414	RSP3: Incorrect traffic rate recieved with specific values of CIR/PIR in HQOS policy
CSCvd08449	RSP2:BCPoMLPPP: %FMFP-3-OBJ_DWNLD_TO_DP_FAILED console logs results in pending/error object
CSCvd38391	Standby Router: uea_mgr crashed @ ml2vpn_provision_pw_and_ac
CSCvd44667	RSP3: PREFIX Object Errored Objects on Local Core Flaps and in Parallel on Other Routers in the Core
CSCvd77735	RSP3 - Small loss (6-10ms) observed for VPLS traffic when BGP backup peer is powered down
CSCvd87285	ASR920 - Display issue - Egress i/f and L2 stats shows "unknown" and no packet drops
CSCvd95331	Eomer: Eomer support on slot 0 and 1 to be blocked
CSCve05859	Exxx EIN: G.8275.1 testing: Clock loop forming between synce and ptp
CSCve10095	Traffic is getting dropped in both direction due to hw programming went for toss
CSCve16996	Ingress classification misbehaves after removing set qos-group statement from a class.

Caveat ID Number	Description
CSCve20630	RSP2 TDM THS : Core generate during reload : unable to initialize the bipc manager
CSCve22604	RSP3:QOSMGR-4-QUEUE_EXCEEDING_HW messages are seen on port-channel remove and re-config
CSCve37392	RSP3: with ingress dscp (1k tcam scale)policy-map scale and remove, stale TCAM entry found
CSCve37398	RSP3-L2VPN: Load balancing is happening based on wrong fields in P node when CW is enabled.
CSCve53479	LOTR OCx: SNCP - CEM-PG controller is DOWN after PG shut / no shut
CSCve63423	Egress Policy-map stats(Output packet counts) accounting twice with policy at Port and EFP
CSCve72906	RSP3:ECMP LB seen when flags field is changed in ip header with l4 header in 4 label scenario
CSCve75491	TE auto-bw: Incorrect bandwidth requested on soaking with traffic
CSCve78337	MLP MRAPS Convergence is high on Work-Active SSO node
CSCve86912	[Counter]: Giant/Runt/Pause Frame counters issue.
CSCve87759	RSP3: Link flaps on configuring G8275.1
CSCve90690	L3 convergence for REP is more than 50ms, which is incorrect
CSCve92911	TCAM limit exceeded with interface flaps without any feature enabled
CSCvf03157	RSP3:PC stays in suspended state on IM OIR
CSCvf08656	RSP3 : Traffic failure for few Labelled BGP prefixes (BGP label imposed is incorrect)
CSCvf17498	100BASE EX showing wrong PID in all UEA platforms
CSCvf22580	IOT: For C3794 controller Listing type as VOICEEM(100) insteadof VoiceEnCap(103)
CSCvf45267	RSP3 - Loadbalance map not getting deleted (IM OIR)
CSCvf72154	RSP3 - PIM neighborhood down on BDI interface due to packets ASIC loop.
CSCvf72165	RSP3 - Router crash after "debug platform condition" command is applied.
CSCvf76091	FP fails to bootup with mac security configurations
CSCvf82663	ASR903/RSP3C crashed at dl_callback
CSCvg01577	LineStatusChange notification with not proper for clear event and problem event
CSCvg08224	G8265.1: PTP flaps between HOLDOVER and LOCKED with 64/64 packet rate and HOTSTANDBY

Caveat ID Number	Description
CSCvg22098	Celeborn: Dev_pluggable inconsistent console log seen in THS
CSCvg29464	OSPFv3 neighbors stuck in EXSTART state when ingress ACL references IPv6 headers
CSCvg30892	License:observing ptp command failure error as part of moving from CSL to SL
CSCvg31244	ASR900 RSP3C corrupts MGCP transaction ID
CSCvg36086	100G driver switchover failure on forced SSO crash scenario causing serdes lock/ping failures
CSCvg36641	Dying gasp snmp trap not seen with RSP2
CSCvc59505	Member link of Port channel gets removed on doing a SSO on the peer end
CSCve64341	920 : Mid Point LSP creation failure after reload with latest polaris Image

Resolved Caveats – Cisco IOS XE Everest 16.6.2

Caveat ID Number	Description
CSCvc29551	1x100G port not coming up on few reloads
CSCvd89421	RMEP failure due to CFM HW table corruption
CSCve10269	RSP3 unable to route(drops) unicast dhcp packets with giaddr field as 0.0.0.0
CSCve12246	RSP3: RSP3 which is locked to GNSS VP is not giving better accuracy
CSCve15834	BGP PIC-E: Double dip traffic loss on recovering primary ABR for CEM And EOMPLS VC
CSCve34890	RSP3 Mcast Convergence high with MSTP
CSCve42430	[SH] Invalid MC_TYPE in LIF update
CSCve43278	MVPN-GRE : Free the nmdt when core prefix goes away
CSCve45078	RSP3-CFM: MA number is not working with ID NULL for offloaded sessions
CSCve45313	Observing error msg when applying policy map on rs232 interface.
CSCve45870	Observing obj download with CFM configs
CSCve56992	Traffic loss seen with L2 Xconnect on 10G celeborn
CSCve63937	RSP2 ODN: pending and error objects pile up on stby RSP2 with ODN auto-tunnel
CSCve70271	OCx:SDH:MSP:VC1x:On create default txpsl set as 0x02 in ios it set as 0x01
CSCve73883	[ASR903] RSP3 Ping is not successful after IP moved to different EFP

Caveat ID Number	Description
CSCve77231	RSP3:traffic failure on VRRP session and traces @ vrrp_comms_process_pak
CSCve81377	RSP3:CFMoVPLS scale:VPLS PD entry missing for few neighbors upon Soak
CSCve83541	RSP3: IOSd Crash on Deleting PTP Loopbacks during ISSU SOAK
CSCve87122	Frequency Traceable Flag is set to false on downstream routers when lpps is made down on TGM
CSCve87327	Tx SS bit should be set to 2 for SDH mode
CSCve90377	Active and standby RSP hang just after booting because of thermal shutdown
CSCve92481	After ASR9k PTP reconfiguration, slave 903 stuck in freq-lock state.
CSCve93405	RSP3 : RPW ping failure on VPLS PW's with Auto Discovery enabled
CSCve97758	DS3 VCOP : AIS is not cleared after reload with loopback local configured on VCoP DS3 interface
CSCvf05587	RSP3 : 2 KBP entries created for ingress vpnv4 label - Label swap case
CSCvf06625	Programming mismatch between Active & STBY after STBY reload for L3VPN prefix
CSCvf17525	cem shows up in logs when serial card is unpowered.
CSCvf19017	RSP3_GNSS: ToD down after reload on G8275.1T-BC
CSCvf20723	Power supply alarm generated in the absence of power supply
CSCvf21127	2 AC's in a VFI, when one interface is shutdown, traffic is not flood to other interface
CSCvf21487	ASR907: L2VPN attachment circuit is going down after SSO on the line card A900-IMA8S1Z
CSCvf24207	RSP2_BC: Accuracy is bad on RSP2
CSCvf33429	APS UNI ADM mode: APS reverts back on clearing the shut from inactive controller
CSCvf33518	On SSO L3VPN prefix is programmed with LFA backup interface as primary interface in PD.
CSCvf38857	RSP3 PTP BC is not locking to the Master via intermediate PTP aware nodes with tagging enabled.
CSCvf40845	Alarms are not generating values at Path level for concatenated STS(12C and 48C)
CSCvf44536	IOT-E&M_CAS:-X-connect down and observed Pseudowire type mismatch with peer error
CSCvf46100	16.7/ASR902/RSP3C-200-S: Tracebacks on configuring interface PoCh
CSCvf57056	T3 framed satop reporting parity errors on L-bit instead of AIS

Caveat ID Number	Description
CSCvf60263	APS-ACR Scale Issue:For 8K Scale Config, PW-GROUP not bound on Arrive CEM FPGA during Copy Config
CSCvf62586	FAN missing in ASR902 RSP2 chassis
CSCvf64035	Few Bfd v4 sessions staying in down/init after ip address removal/addition
CSCvf66464	ISSU failing between 16.5.X/16.6.Y CCO builds
CSCvf68040	labels not programmed on stby RSP for t1 circuits for denether IM
CSCvf75494	IOT: Session status for RawSocket Server is not correctly displayed.
CSCvf75503	IOT: CLI Allows same TCP port to be configured for the clients and servers.
CSCvf76449	Celeborn: Observing Object Download Failure on Shut/NO shut with CFM Config
CSCvf87314	IOT: Raw-Socket TCP Session details is displaying the truncated VRF Names
CSCvf90854	configured priority2 under ptp clock is not sent downstream when T- BC selected VP
CSCve64336	RSP1-Continuous ESMC tracebacks observed after IMA8T OIR followed by SSO
CSCve98223	Two PW-Group switchover notifications are triggered from PI to PD for a single event
CSCvf05616	Traffic drop, on reconfiguring l2vpn sessions after sso on peer
CSCvf33489	ISIS FRR : FRR ReOpt Issue, FRR state pointing to Label backup even with primary link up

Open Caveats – Cisco IOS XE Everest 16.6.1

Caveat ID Number	Description
CSCve52155	RSP3: BFD Session Between 2 RSP3s Down on Reloading 1 RSP3
CSCvd11229	Some of BFD session are flapped after changing the bfd timer
CSCvb01668	Convergence time is taking more than 50 ms(7 secs) after SS0 with IPV6
CSCvb99102	MH BFD session flaps on shutting interface of no relevance to BFD session.
CSCvf06625	Programming mismatch between Active & STBY after STBY reload for L3VPN prefix
CSCve73883	[ASR903] RSP3 Ping is not successful after IP moved to different EFP
CSCvd36139	40G interface down on changing mode from LAN to OTN.
CSCve63289	Micro flaps are seen in interface when an xconnect is made down
CSCve53492	IOT: For Serial(with RS232) interface IfType comes as other instead of serial/RS232

Caveat ID Number	Description
CSCvf02136	VLAN Untagged Traffic Wrongly Punted to CPU When Service Instance Deleted
CSCvd13775	Duplicate EFP stats seen with snoop traffic.
CSCve10269	RSP3 unable to route(drops) unicast dhcp packets with giaddr field as 0.0.0.0
CSCve15834	BGP PIC-E: Double dip traffic loss on recovering primary ABR for CEM And EOMPLS VC
CSCvd73294	L2VPN : Traffic drop on recovery of PIC- primary peer
CSCve63937	RSP2 ODN: pending and error objects pile up on stby RSP2 with ODN auto-tunnel
CSCvf05386	RSP2: Standby RP Get AToM Forwarding Context Cylon_Mgr Crash on Core Gigs Flap SOAK on RRs
CSCvd34677	RSP3 : 30-40sec traffic loss for MPLS TE tunnels on performing SSO @ TE midpoint
CSCve93405	RSP3 : RPW ping failure on VPLS PW's with Auto Discovery enabled
CSCve45288	RSP3-L2VPN: ECMP LB is not working based on PE node in 3 label scenario when PIC core disabled
CSCve37398	RSP3-L2VPN: Load balancing is happening based on wrong fields in P node when CW is enabled.
CSCve72876	RSP3: LB is not working on P node based on Source/destination ipv6 addresses in 3 label scenario
CSCvd81439	RSP3: VPLS HW stale entries are present although PW is down
CSCve72906	RSP3:ECMP LB seen when flags field is changed in ip header with l4 header in 4 label scenario
CSCva63048	RSP3:Traffic Drop,IP FRR Primary is program'd with wrong Out going intf
CSCve81377	RSP3:VPLS prgrm'g missing for some neighbors after reload
CSCvd38391	Standby Router: uea_mgr crashed @ ml2vpn_provision_pw_and_ac
CSCvd13823	Storm control - L3 Mcast Traffic :: Not all packets are dropped
CSCve05859	Exxx EIN: G.8275.1 testing: Clock loop forming between synce and ptp
CSCve49550	IOX: OOS issue seen with 100Mbps sfp inserted on a SFP combo IM
CSCve43404	PTP Clock Creation Fails for Specific Sequence of Triggers
CSCve39547	PTP PI counters were not shown properly.
CSCve58737	RSP2 : PTP hybrid BC failed as config applied before netsync locked REF alarm cleared
CSCve83541	RSP3: IOSd Crash on Deleting PTP Loopbacks during ISSU SOAK

Caveat ID Number	Description
CSCve87759	RSP3: Link flaps on configuring G8275.1
CSCve12246	RSP3: RSP3 which is locked to GNSS VP is not giving better accuracy
CSCve16996	Ingress classification misbehaves after removing set qos-group statement from a class.
CSCvc94414	RSP3: Incorrect traffic rate received with specific values of CIR/PIR in HQOS policy
CSCva23389	RSP3: Upon double SSO, LDP neighborship is not coming up on POCH (act-stby)
CSCve86912	[Counter]: Giant/Runt/Pause Frame counters issue.
CSCvb22120	clocks state is freeruning after SSO
CSCve20630	RSP2 TDM THS : Core generate during reload : unable to initialize the bipc manager
CSCvc50710	RSP2: Standby RP Crash in HA-IDB-SYNC Process on SOAK of Delete Reconfig CEM and ACR
CSCve01357	DCC: DCC check not available in 1+1 APS
CSCvc34890	OCx APS-ACR : RTP is not enabled on FPGA with config copy
CSCve53479	LOTR OCx: SNCP - CEM-PG controller is DOWN after PG shut / no shut
CSCve55240	LOTR OCx: SNCP - PG cem group is not attached to physical leg for 2nd cem-group on same port
CSCvf03668	Mid-chain Object Stuck Pending State on TE Tunnel Interfaces and Core Gig Flap SOAK
CSCvc59505	Member link of Port channel gets removed on doing a SSO on the peer end
CSCvc87303	MTU-9216-OSPF session is not coming up with BDI interface
CSCvd46588	RSP3 - EoMPLS PW with BGP LU is pointing to wrong local BGP label
CSCvd29520	RSP3 - Traffic takes backup remote LFA path even though primary path is available
CSCvc70246	RSP3 - VPLS Tunnel Label incorrectly programmed in ARAD
CSCvd22428	RSP3 : HSPW traffic failure after SSO/IM OIR (FEC programmed as 0)

Resolve Caveats – Cisco IOS XE Everest 16.6.1



Note Effective Cisco IOS-XE Everest 16.6.1, the inner DSCP preservation is supported.

Caveat ID Number	Description
CSCvc25416	UMMT Automated Regression :: Active RSP3-200 crashes after interface shutdown between AG1 and AG2
CSCvd12231	RSP3: Unicast ARP resolution fails in VRRP master state
CSCve22853	ASR900 improper SIGDET register setting could cause traffic failure and link down conditions
CSCvc44999	Polaris RSP3: Pending objects seen Tx Channel & Interface after disabled IM and FP stuck init
CSCva16169	DS1:Traffic not resuming after Ctrl shut then SSO and No shut
CSCvc27318	DS3 Path/Line Level PMON Issues for DS3 Port
CSCvc54203	Post ISSU : DCR remains in UNKNOWN state
CSCuz89518	T3 AIS: Implementing structure aware DS3 SATOP
CSCuw81521	EnM IoT: Crash is seen post SSO while changing the IM slot position
CSCux45450	ASR900: OC3 IOMD CPUHOG on SOAK Test of SONET Shut and No Shut
CSCvb45433	SLOS reported when we shutdown ais-shut enabled in SDH and SONET mode
CSCvb03156	TU-AIS : SHUT/NO-SHUT operation on SONET CTRLR altering the VC12 alarm
CSCvd00780	8275.1: PTP Packets are being dropped without untagged EFP on a tagged EFP interface
CSCvc77491	[RSP3-STORM-CONTROL]:Storm Control kicks by default if attached on ge0/2/0 in RSP3
CSCvc40326	HSPW : pw programming going for toss and traffic gets dropped after int flap
CSCva24546	MPLS TE : 1-2 ms traffic loss when backup interface state is toggled
CSCvd22428	RSP3 : HSPW traffic failure after SSO/IM OIR (FEC programmed as 0)
CSCvd96938	RSP3 crashes @ tbn_lookup, uea_cef_get_leaf
CSCvd12082	RSP3-mlacp: %FMFP-3-OBJ_DWNLD_TO_DP_FAILED: SIP0: fman_fp_image: atom_xconnect xid 0x408110
CSCvb76749	RSP3: ARP resolution failure for the next hop when traffic coming from IPSec Tunnel
CSCvb62526	RSP3:Mac-address is leaked from VC to wrong BD with shut/noshut AC
CSCvd57077	RSP3:Traffic Fails on FRR backup path while Primary is Active.
CSCux48983	SR: RSP2 sends out corrupted pkts with UMMT TI-LFA 5 label push, L3VPN, L2VPN SRTE FRR scenarios
CSCvb67543	uea mgr crash @"uea_mpls_atom" upon flapping core A/A Poch interface of peer box

Caveat ID Number	Description
CSCvd55076	UMMT: RLFA FRR - High convergence on shutting the core link
CSCvb55216	VPLS: LDP flap after SSO leads to 100% traffic loss
CSCvc49106	Crash @ uea_igmpsn_send_update_route_msg
CSCvd32237	RSP2 : MLDPv4 Full scale no DI programming on HE
CSCvc72446	RSP2 : MLDPv4 P2MP inconsistent behaviour on triggers
CSCvd00444	RSP2 : MLDPv4 P2MP No DI Issue
CSCvc39154	[inband]RCY in met chain on bud
CSCvd28433	ASR-900: By removing and adding auto neg at Cu interfaces leads to PTP malfunction
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
CSCvc53794	RSP3: PTP over MPLS support
CSCvd00614	RSP3: BFD is flapping when removing PTP config
CSCve14324	ASR 907 / RSP3C : port level shaper is counting packets twice.
CSCvd34788	ASR903 with RSP3 might crash with reason bulk sync failure
CSCvc95602	ASR903 SDH counter errors
CSCvd79657	ENTITY-MIB table entries missing for E1/T1 ports on the IMA16D card for ASR903
CSCvd38689	Memory leak found @ dsx3_init_t1, cx3_init_e1
CSCvc25980	Traceback spa_send_aps_cmd on hard IM OIR on work active MRAPS1+1 Uni
CSCvc80817	WRT: LOF/LOMP alarms seen while provisioning of T1/E1 interfaces in OC3 IM
CSCvc67481	cpwCTDMPperfCurrentTable not dumping with ACR configuration
CSCvc74964	IPC channel hogging due to alarm flooding on cable looping for APS ports
CSCvb53371	License OIR issue: failed port is coming UP and accessible
CSCvc79065	LOTR OCx: UPSR - Error message seen when PG is unconfigured and reconfigured again
CSCvd17937	LOTR OCx: UPSR - PUNEQ seen on UPSR intf of PE2(remote) upon unconfig/config PG e2e after SSO of PE1
CSCvd46410	OCx: ACR/UPSR - Virtual Controller Shut/No-Shut not working due to License rejection
CSCvb78285	OCx: Iomd crash on Active RSP post SSO of admin down IM

Caveat ID Number	Description
CSCvb55300	Port-lic: Port licensing cmds Not synced to HA when IM is shut
CSCuy11711	TIM-S, TIM-P, TIM-V, B1, B2, B3 fields are not showing on show controller output
CSCvc21158	Traffic is flapping on channel when W port is deleted from ACR group
CSCvb13590	ASR900:In OC3 IM Winpath BUS ERROR is observed due to invalid multiclass number in the packet
CSCvd04381	Loopback local at tug levle e1 or t1 doesnt handle the Alarm condition
CSCvb82613	Tunnel/IGP down on SSO due to ingress VOQ packet drop
CSCuz89582	VCOP: B1/B2/B3 errors not detected
CSCvc41851	ASR900 : Binos Logs (tracelogs) time stamps are not in sync with IOS/Binos Time stamp
CSCvd02443	Copy of 8K cem circuits Cem circuits to reach HA sync takes longer time
CSCvc68648	RSP3-mlacp: Traffic drops seen upon POA failover with PW-grouping
CSCvd51482	Traffic loss seen in endpoint_sso_after_path_protection_trigger Flex-LSP script RSP3, v165
CSCvb62564	UMMT :: VPN Traffic drop upto 7 secs is observed for RSP1B SSO
CSCvd29919	RSP3-Not able to ping external IPv6 address from BINOS.
CSCvd81475	PTP : Transparent Clock is not supported on RSP3
CSCvd81474	PTP : Virtual-Port is not supported on RSP2
CSCvd22452	Cylon manager crashes while defaulting the running SLA's interface
CSCvd12333	ISIS: FRR with unnumbered interface leads to traffic loss until TI-LFA repair path is removed