

# 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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# Open Caveats – Cisco IOS XE Amsterdam 17.3.8a

There are no open caveats for this release.

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.8a

| Identifier | Headline |
|---|---|
| CSCwh87343 | Cisco IOS XE Software Web UI Privilege Escalation Vulnerability |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.8

There are no open caveats for this release.

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.8

There are no resolved caveats for this release.

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.7

| Identifier | Headline |
|---|---|
| CSCwa29664 | BGP neighbor cannot up with bfd strict-mode configured |
| CSCwa33365 | SNMP polling for traffic stats is displaying wrong values for all interface |
| CSCvz73321 | PEGM/RSP2: Rommon and fpga upgrade synchronization during autoupgrade |
| CSCvy09725 | Software solution to detect the BAD PSU |
| CSCwe13024 | ASR900-RSP2: All readings for Power supply unit reflect as zero though the unit is functional |
| CSCwd15539 | RSP2/RSP3 : IM's shouldn't reload during sipspa install stage 3 in single step install ISSU |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.7

| Identifier | Headline |
|---|---|
| CSCwb77396 | G.8032: Ring brief output doesnt display the Block port flag in Idle state |
| CSCwb75983 | BFD Session with authentication with 16 or more characters remains down |
| CSCvv06958 | CPE SIT: IP Sec tunnel is not reachable after RSP3 SSO |
| CSCvw47384 | Defaulting the g8032 ring ports and reapplying the same config, results the Ring in pending state. |
| CSCwb60655 | RSP2 : Interface remains down after SSO or ISSU upgrade |
| CSCwa30653 | MVPN Profile 14 : Data MDT traffic not flowing with 2 paths when OSPF cost configured on 1 path |
| CSCwb60002 | ASR900 may experience an unexpected reset when configuring or using interface BDI >= 4097 |
| CSCvz64063 | APS:ACR:Shut before reload and no shut after reload make Active and standby states inconsistent |
| CSCvv45107 | RSP3:%FPD_MGMT-3-PKG_VER_MISMATCH_NOTE is seen during auto-upgrade of celeborn IM |
| CSCvt99060 | RSP3: Warning message display when SR PFP scale tunnels are configured beyond 250 |
| CSCvu16223 | VPLS BD configured with MAC limit starts learning MAC address upon VPLS session flap |
| CSCvx92919 | High convergence seen during re-opt scenario with Flex-LSP Non-revertive Config |

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.6

| Identifier | Headline |
|---|---|
| CSCwa94444 | F2B chassis: The **show environment** command does not display the fan speed. |
| CSCwa99837 | RSP3: Implement show command to display VOQ that failed during delete VOQ. |
| CSCwa54842 | RSP3: QOSMGR-4-QUEUE_ExCEEDING_HW: VOQs exceeded hardware limit. |
| CSCwb06353 | Router goes down with IP SLA configuration which is not supported. |
| CSCvy34396 | MAC table inconsistency due to parity error. |
| CSCwb77723 | Duplicated unicast ARP packets. |

| Identifier | Headline |
|---|---|
| CSCvx26935 | VOQ deletion failure due to the queue 'nonempty' state. |
| CSCwb01940 | The router drops L2 multicast traffic upon REP topology change. |
| CSCwb01224 | Multihop BFD transit packets getting dropped the router after upgrade to 17.3.3. |

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.6 - Platform Independent

| Identifier | Headline |
|---|---|
| CSCwb66047 | RSP3/ASR920/RSP2:node crashed @ l2rib_obj_peer_tbl_cmd_print |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.6

| Identifier | Headline |
|---|---|
| CSCvw47384 | Setting the g8032 ring ports to the default value and reapplying the same configuration, results the Ring to a pending state. |
| CSCwb60002 | The router experiences an unexpected reset when configuring or using an interface with BDI value greater than or equal to 4097. |
| CSCwb60655 | RSP2: Interface remains down after SSO or ISSU upgrade. |
| CSCvz02262 | TCAM corruption happening at bank boundary when one of the bank is full. |
| CSCvz64063 | APS:ACR:Shut before reload and no shut after reload make Active and standby states inconsistent |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.6 - Platform Independent

| Identifier | Headline |
|---|---|
| CSCvu15652 | CEM26K : confiig / unconfig of CEME26K circuits causes 1-2 ckts in down state in standby RSP3. |
| CSCvv74332 | ASR920:VPLSoBKPW:MAC not flushed/withdrawn in remote peer on VC swichover from active to standby. |

| Identifier | Headline |
|---|---|
| CSCwa30653 | MVPN Profile 14 : Data MDT traffic not flowing with 2 paths when OSPF cost configured on 1 path |
| CSCvu06350 | 16.12.3 ES: Active RP crashed due to UNIX-EXT-SIGNAL: Segmentation fault(11), Process = BFD events |
| CSCvw19225 | [17.5 EIGRP] Deleting bgp config does not remove the redistribute vrf CLI under Eigrp process |
| CSCwc25454 | SSH to IPv6 LinkLocal address don't work without explict "ip ssh source-interface" configuration |

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.5

| Identifier | Headline |
|---|---|
| CSCvz20710 | ASR903/ASR907 A900-IMA1Z8S-CXMS EIGRP flapping on framing SDH Serial interface. |
| CSCvz07477 | DWDM SFPs threshold Value set to 0.0 dbm for RX/TX and -0.0 C for temperature. |
| CSCvy43352 | A900-IMA1Z8S-CXMS IM is not reloading during ISSU even though CEM FPGA version have a mismatch. |
| CSCvy35769 | ACR DCR recovered-clock is FREERUN after SSO in eomer T3 port. |
| CSCvy26121 | Object down failures observed on ASR903 devices post upgrade to 16.12.3. |
| CSCvy25392 | Cannot delete recovered clock configuration from STS-3c. |
| CSCvy82376 | IMs on slots 13, 14 and 15 out of service on ASR-907 chassis. |
| CSCvy50955 | CEM traffic not resuming after IM shut/unshut with Service inst on Gig created when TDM IM is shut. |
| CSCvy66426 | RSP3: Code hardening: Delays between SPI Flash operation during IO FPGA upgrade. |
| CSCvy92074 | MTU programming for mpls l2 vc may fail after interface flaps. |
| CSCvz20857 | STS1E controller bay/port is wrong in controller UPDOWN syslog during T3 alarm. |
| CSCvz20865 | A900-IMA1Z8S-CXMS in HA setup and with APS, configure 5376 VT15 T1 cem circuit, Error observed for last path. |
| CSCvz57242 | ASR90x-RSP3 : IP MTU wrongly programmed in ASIC after removing/reconfiguring the ip address. |
| CSCvz37014 | ICMP Jitter : Incorrect timestamping : registry to use/update receive timestamp for rsp3 platform. |
| CSCvz19022 | ASR 903 RSP3C 16.9.3 and 16.12.3 Ping issue with MTU greater than 1508. |

| Identifier | Headline |
|---|---|
| CSCwa06605 | With port channel flaps kbp counts increasing and leading to leak. |
| CSCvy64788 | LLC frames are getting looped back due to autonomic networking. |
| CSCwa09302 | The iMSG serial interfaces bitrate/sec data is displayed incorrectly in show command output. |
| CSCwa04795 | Interfaces are showing up in SNMP polling while associated hardware does not exist on system. |
| CSCvx32380 | RSP3 : SFP GLC-FE-100LX-RGD show incorrect description. |
| CSCvy51848 | Active RP HW started booting in loop during an IO FPGA upgrade and standby. |
| CSCvy29290 | ASR90x-RSP3 : Pending objects for BDI Tx Channel on creation of Port channel with member link. |
| CSCvz79672 | HQoS on egress TenGig interface is not working properly. |
| CSCvz49468 | APS:ACR traffic fails after ISSU from 16.12 to 17.3. |
| CSCvy23345 | ASR90X-RSP3: MAC address is getting learned for L2CP control frames over the G.8032 blocked port. |
| CSCvz09447 | The IMA1Z8S-CX-MS protection switching on LOS condition disrupts service for greater than 200 msec. |
| CSCvy78284 | The router will crash when zeroised RSA key is regenerated. |
| CSCvz62438 | ASR90x-RSP3: BDI routing frames corrupted on deletion and recreation of EFP. |
| CSCwa41638 | The router MAC table and L2VPN EVPN table are out of sync. |

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.5 - Platform Independent

| Identifier | Headline |
|---|---|
| CSCvy91369 | IOS-XE : IPSLA ICMP-Jitter over L3VPN results incorrect jitter value. |
| CSCvz25471 | ASR903/920: NSO config push failure seen due to getconf on BD gives additional value “mac learning” |
| CSCvy56660 | mlacp backbone interface defined in netconf as Container instead of list entry |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.5

| Identifier | Headline |
|---|---|
| CSCvy34396 | MAC table inconsistency due to parity error. |
| CSCwa64889 | Wrong L3-Programming for BDI |
| CSCvz02262 | TCAM corruption happening at bank boundary when one of the bank is full. |
| CSCvz64063 | APS:ACR:Shut before reload and no shut after reload make Active and standby states inconsistent |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.5 - Platform Independent

| Identifier | Headline |
|---|---|
| CSCwa36608 | RSP3 ICCP stuck on CONNECTING state after RSP SO on Active PoA |

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.4

| Caveat ID Number | Description |
|---|---|
| CSCvv99456 | ACL entries with FRAGMENT keywords are not working |
| CSCvy82320 | DHCP packets are getting dropped in case snooping is enabled |

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.4 - Platform Independent

| Caveat ID Number | Description |
|---|---|
| CSCvy04023 | Netconf datastore PTP data may unsync from running configuration |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.4

| Caveat ID Number | Description |
|---|---|
| CSCvy04090 | Intermittent blackholing of traffic due to CEF table corruption |

| Caveat ID Number | Description |
|---|---|
| CSCvy21560 | All IM cards in INSERTED state on performing ISSU 16.9.3 to 16.12.3 |
| CSCvy25392 | Cannot delete recovered clock configuration from STS-3c |
| CSCvy26121 | Object down failures observed on routers post upgrade to 16.12.3 |
| CSCvy29290 | Pending objects for BDI Tx Channel on creation of Port channel with member link |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.4 - Platform Independent

There are no new Platform Independent Open Caveats for this release.

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.3

| Caveat ID Number | Description |
|---|---|
| CSCvv83093 | OBFL updation with valid time after NTP Sync in RTC failure case |
| CSCvv95745 | Crash of standby supervisor because of QoS Overhead Accounting |
| CSCvw04366 | UEA: Display GNSS Chassis SN instead of PCB SN in show CLI |
| CSCvw34109 | PTP failure due to LSMPI buffer exhaustion |
| CSCvw48885 | IM OIR as part of ISSU resulted in IOSD Crash for T3E3 RSP3 IM |
| CSCvw58359 | 8275.1/2 Node is crashing when more than 8 Dynamic ports are created |

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.3 - Platform Independent

| Caveat ID Number | Description |
|---|---|
| CSCvg75709 | Unnecessary RIB updates when metric-style transition is configured. |
| CSCvv40006 | Traceback: IP SLA triggers INJECT_HDR_LENGTH_ER and INJECT_FEATURE_ESCAPE log message |
| CSCvv79677 | ASR902-RSP2 crashed after BGP flaps |
| CSCvv91741 | Resequencing ACL with remarks only resequences permit or deny entries, remarks not changed. |

| Caveat ID Number | Description |
|---|---|
| CSCvw05035 | BGP fall-over not working when Null0 static route is configured |
| CSCvw19062 | Changing external route tag does not update origin code in BGP |
| CSCvw37109 | Pseudowire interface may be unexpectedly removed from VFI on unrelated configuration change |
| CSCvw86336 | Unsupported interfaces for logging event link-status needs to be removed in mapping |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.3

| Caveat ID Number | Description |
|---|---|
| CSCvx42526 | While doing SSO, A900-IMA2Z crashing |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.3 - Platform Independent

| Caveat ID Number | Description |
|---|---|
| CSCvu15652 | CEM26K: confiig / unconfig of CEME26K circuits causes 1-2 ckts in down state in standby RSP3. |
| CSCvu77385 | [SVSP-457]-Full throughput not working priority shaper percent is > ~40 over 100g nni |
| CSCvv71209 | RSP3: MTU changes on access interface causing low memory and stby RSP crash |
| CSCvv86988 | NCS4200-3GMS: standby rp iosd crashes continuously when serial acr nxds0 configs are applied |
| CSCvw54661 | ASR920: HS2 node is chasing with core generation and core pointing to EFP process. |
| CSCvw77485 | Router may not send PIM Register message if RP is reachabile over TE tunnel |

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.2a

| Caveat ID Number | Description |
|---|---|
| CSCvt58155 | RSP3c: Kernel crash bcmINTR rcu_check_callback |
| CSCvt82525 | ASR 900 crash while IPV6 updating prefixes |

| Caveat ID Number | Description |
|---|---|
| CSCvu16135 | STS1E : Remote loopback not working under sts1e controller |
| CSCvu18276 | ASR903 Standby RSP3 crash during IOS upgrade |
| CSCvu36636 | ASR900 ROMMON region 0 and 1 verification CLI |
| CSCvu66126 | OC192 APS Group Stuck with Signal Fail condition |
| CSCvu83291 | Memory leak due to QoS policer |
| CSCvu95940 | RSP2:Egress QoS policy config missing on PoCh member link flap |
| CSCvv13495 | 17.1.1. Loopback local not working on T3 card protection physically connected ports |
| CSCvv14816 | MVPN_GRE mcast traffic loss on local receivers and across VRF after Access BDI flap |
| CSCvv16454 | Traffic failure due to MPLS ECMP load-balancing in one of the labelled path |
| CSCvv23067 | ISSU is failing with lookup failure in APS48 five group setup from 16_9_4 to 17_3_1 images |
| CSCvv24059 | Crash is noticed on RSP when EMPLSINTD is exhausted. |
| CSCvv34831 | L2 mcast vpls forwarding outage caused by rep ring changes |
| CSCvv42595 | REP flapping randomly and frequently due to port down |
| CSCvv85503 | MVPN GRE traffic drop for few prefixes |
| CSCvv51145 | Crash seen on \"show plat hard pp active feature multicast database ipv4 table label 756 eos 0\" |

# Resolved Caveats – Cisco IOS XE Gibraltar 17.3.2a - Platform Independent

| Caveat ID Number | Description |
|---|---|
| CSCvc33357 | Incorrect BC value under show policy-map when User defined percentage based CIR is defined |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.2a

| Caveat ID Number | Description |
|---|---|
| CSCvv95745 | Crash of standby supervisor because of QoS Overhead Accounting |

| Caveat ID Number | Description |
|---|---|
| CSCvw34109 | PTP failure due to LSMPI buffer exhaustion |

# Resolved Caveats – Cisco IOS XE Amsterdam 17.3.1

| Caveat ID Number | Description |
|---|---|
| CSCvn47496 | ENH : RSP3C Request for overriding restriction "MVPN-GRE VRF-SM: RP must be at Encap PE" |
| CSCvq64605 | RSP3: RLFA resource leak on FRR create/delete with link flaps |
| CSCvr97004 | VTY lines higher than 5 cannot be configured NVGEN |
| CSCvs21698 | I2C stuck/bad IM/OIR causing rsp3c(both) to reload at "cmanrp_chasfs_spa_oir_remove" |
| CSCvs25451 | Telemetry config Vanish after SSO |
| CSCvs34376 | sh pl ha pp act interface output does not show priority queue (HPCT) packet counters |
| CSCvs34482 | ISSU not working on RSP2 nodes |
| CSCvs58497 | After ipv6 nd cache expired, transit traffic fails when ECMP enabled |
| CSCvs62447 | ASR903: netconf login via loopback int is failing though it is working with other inband int |
| CSCvs63874 | Reworked: Invalid ifindex during notification causing lldp localport table mib walk failure |
| CSCvs70140 | The interface's output of CEM traffic rate is incorrect |
| CSCvs71834 | ASR903 - stops forwarding over VC after dot1.q tag is removed and added back to service instance |
| CSCvs85331 | QSFP-100G-LR4-S optical sensors not shown in CISCO-ENTITY-SENSOR-MIB |
| CSCvs89777 | Change alarm threshold values for 8x10G IM |
| CSCvt32521 | Duplex half change to full after reload |
| CSCvt35963 | Uea_mgr and keepalive crashes observed in a sequence after attempting to enable service-offload |
| CSCvt53795 | CPG: OIR of primary and backup IM same time does not update LINK_PTR in MCDB and causes Traffic Drop |
| CSCvt58665 | Baseline : after shut and no shut LOS is not cleared from controller |
| CSCvt64706 | CPU HOG due to constant soft-parity errors |

| Caveat ID Number | Description |
|---|---|
| CSCvt98075 | ASR903-memory leak seen on SNMP DG when IGP flaps |
| CSCvu30972 | ASR903: All readings for power supply unit reflect as zero though the unit is functional |
| CSCvu31393 | [RSP3-poch-Mcast]: igmp queries are not egressing out of poch in a sequence |
| CSCvu34503 | RSP2: Bundle 43r ROMMON changes to 17.3.1 |
| CSCvu51472 | Support for SAToP payload 64 byte and dejitter 2 ms in LOTR IMs |
| CSCvu78801 | PPPoE VSA tags gets overwritten at each PPPoE IA |
| CSCvt56447 | Since UPSR is unsupported for STS1e, need to block CLI structure for user to configure |
| CSCvt88660 | CT3 channelized T1s are not displayed under show command of STS1e virtual controller with card protection |
| CSCvt90530 | Let the Oper status for STS1E virtual controller to be displayed in upper case as "UP" for show cmd |
| CSCvu62934 | For card protection 1+1, naming convention not proper for LOP STS-1 1, VTG 1, VT 3 |
| CSCvv17231 | When mode VT1-15 is configured on card protected STS1E controller, can see discrepancy in LOP O/P |
| CSCvu61765 | BERT statistics not seen in “show controller STS1E" with mode unframed |

# Open Caveats – Cisco IOS XE Amsterdam 17.3.1

| Caveat ID Number | Description |
|---|---|
| CSCvs50029 | Interface flaps and input errors seen with optics GLC-FE-100BX-D |
| CSCvt58155 | rsp3c: Kernel crash bcmINTR rcu_check_callback |
| CSCvt82525 | ASR 900 crash while IPV6 updating prefixes |
| CSCvu03137 | Removing and reconfiguring rtp-present in bulk causing CEM ckt in standby goes DN |
| CSCvu18276 | ASR903 Standby RSP3 crash during IOS upgrade |
| CSCvu36636 | ASR900 ROMMON region 0 and 1 verification CLI |
| CSCvu55571 | CEM Scale: Removing and reconfiguring rtp-present in bulk causing ssm provisioning failure in standby |
| CSCvu74741 | MVPN GRE : Mcast traffic forwarding fails randomly for few prefixes due to PIM registration issues |

| Caveat ID Number | Description |
|---|---|
| CSCvv49690 | With mode VT1-15 on STS1E controller, LOP is in UP state even though controller and HOP is down |
| CSCvw34109 | PTP failure due to LSMPI buffer exhaustion |

# 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