



## Bugs for Cisco IOS Release 15.5(3)M

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## Open and Resolved Bugs

The open and resolved bugs for this release are accessible through the [Cisco Bug Search Tool](#). This web-based tool provides you with access to the Cisco bug tracking system, which maintains information about bugs and vulnerabilities in this product and other Cisco hardware and software products.

Within the Cisco Bug Search Tool, each bug is given a unique identifier (ID) with a pattern of CSCxxNNNNN, where x is any letter (a-z) and N is any number (0-9). The bug IDs are frequently referenced in Cisco documentation, such as Security Advisories, Field Notices and other Cisco support documents. Technical Assistance Center (TAC) engineers or other Cisco staff can also provide you with the ID for a specific bug.

You can save searches that you perform frequently. You can also bookmark the URL for a search and email the URL for those search results




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**Note** If the defect that you have requested cannot be displayed, this may be due to one or more of the following reasons: the defect number does not exist, the defect does not have a customer-visible description yet, or the defect has been marked Cisco Confidential.

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## Using the Bug Search Tool

The Cisco Bug Search Tool enables you to filter the bugs so that you only see those in which you are interested. In addition to being able to search for a specific bug ID, or for all bugs in a product and release, you can filter the open and/or resolved bugs by one or more of the following criteria:

- Last modified date
- Status, such as fixed (resolved) or open
- Severity
- Support cases

For more information about how to use the Cisco Bug Search Tool, including how to set email alerts for bugs and to save bugs and searches, see [Bug Search Tool Help & FAQ](#).




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**Note** You must have a Cisco.com account to log in and access the [Cisco Bug Search Tool](#). If you do not have one, you can register for an account.

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To use the Cisco Bug Search Tool:

1. In your browser, navigate to the [Cisco Bug Search Tool](#).
2. If you are redirected to a Log In page, enter your registered Cisco.com username and password and then, click Log In.
3. To search for a specific bug, enter the bug ID in the Search For field and press Enter.
4. To search for bugs related to a specific software release, do the following:
  - a. In the Product field, choose Series/Model from the drop-down list and then enter the product name in the text field. If you begin to type the product name, the Cisco Bug Search Tool provides you with a drop-down list of the top ten matches. If you do not see this product listed, continue typing to narrow the search results.
  - b. In the Releases field, enter the release for which you want to see bugs.

The Cisco Bug Search Tool displays a preview of the results of your search below your search criteria. You can mouse over bugs to see more content about a specific bug.

To see more content about a specific bug, you can do the following:

- Mouse over a bug in the preview to display a pop-up with more information about that bug.
- Click on the hyperlinked bug headline to open a page with the detailed bug information.
- To restrict the results of a search, choose from one or more of the following filters:

| Filter        | Description  |
|---------------|--|
| Modified Date | A predefined date range, such as last week or last six months.   |
| Status        | A specific type of bug, such as open or fixed.   |
| Severity      | The bug severity level as defined by Cisco. For definitions of the bug severity levels, see <a href="#">Bug Search Tool Help &amp; FAQ</a> |
| Rating        | The rating assigned to the bug by users of the Cisco Bug Search Tool.  |
| Support Cases | Whether a support case has been opened or not.   |

Your search results update when you choose a filter.

## Resolved Bugs—Cisco IOS Release 15.5(3)M10

*Table 1: Resolved Bugs—Cisco IOS Release 15.5(3)M10*

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCuq20562</a> | ISDN Memory Leak when PRI link flaps, crashes Router   |
| <a href="#">CSCva46032</a> | FlexVPN: Hostname in DHCP is incorrect when using AnyConnect                                       |
| <a href="#">CSCve20850</a> | asr1k is unable to recover from the tunnel flapping at scale for IKEv2 dmVPN/BGP                   |
| <a href="#">CSCvg56762</a> | Cisco IOS and IOS XE Software Change of Authorization Denial of Service Vulnerability              |
| <a href="#">CSCvh09266</a> | SNMP SMALL CHUN memory leak seen on KS while getvpn scale testing 300 group 4800 gm                |
| <a href="#">CSCvj92548</a> | CSR1k-FlexVPN: Spoke to Spoke: Implicit NHRP entry due to expired resolution request handling.     |
| <a href="#">CSCvk51433</a> | Lisp router crash with enabling IPv6 and DHCP relay.   |
| <a href="#">CSCvk54416</a> | Change the order of BYE and NOTIFY with 200 OK sipfrag body for successful REFER passthru scenario |
| <a href="#">CSCvk56331</a> | Initial contact in IKEv1 phase 2 rekey (QM1) causes all crypto sessions to drop                    |
| <a href="#">CSCvk58746</a> | Unexpected reboot when ipv6 crypto map applied to several tunnel interfaces                        |
| <a href="#">CSCvm01689</a> | Cisco IOS and IOS XE Software IP Ident Denial of Service Vulnerability                             |
| <a href="#">CSCvm08377</a> | IPSEC in DOWN-NEGOTIATING on HSRP Standby router with local-address config                         |
| <a href="#">CSCvm76452</a> | IPSec background crash while sending SNMP trap   |
| <a href="#">CSCvn00218</a> | Cisco IOS and IOS XE Software Session Initiation Protocol Denial of Service Vulnerability          |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCvn33127</a> | ISAKMP SA is not deleted even if crypto config is deleted (IPsec NAT-T). |
| <a href="#">CSCvo66216</a> | IPSec-Session count in "show crypto eli" reaches max causing VPN failure |

## Resolved Bugs—Cisco IOS Release 15.5(3)M9

*Table 2: Resolved Bugs—Cisco IOS Release 15.5(3)M9*

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCvm54451</a> | IPV6 prefix delegation issue in 881 router                   |
| <a href="#">CSCvm98100</a> | External Interface on the PfR MC stuck in the shutdown state |

## Resolved Bugs—Cisco IOS Release 15.5(3)M8

*Table 3: Resolved Bugs—Cisco IOS Release 15.5(3)M8*

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCus14734</a> | IP SLA http operation with customizable status for return codes                                |
| <a href="#">CSCuv90519</a> | Map doesn't get updated with socket change on local address change                             |
| <a href="#">CSCuw43115</a> | CSR1Kv XE 3.13.3S Crashed on clearing ip ospf process  |
| <a href="#">CSCux22473</a> | IPv6 Tracking for route learned from IBGP Neighbor is Down.                                    |
| <a href="#">CSCuy16723</a> | EIGRP summary route not removed after disabling "redistribute connected"                       |
| <a href="#">CSCuy27746</a> | CDP packet causes switch to crash due unexpected exception to CPUvector                        |
| <a href="#">CSCuy51073</a> | More memory leaks for IP nat translation   |
| <a href="#">CSCuy79944</a> | call-home crash because calling XOS API in interrupt level                                     |
| <a href="#">CSCuy88330</a> | Config Sync failure with Call-home, reporting smart-licensing-data                             |
| <a href="#">CSCuy91126</a> | POLARIS: IPsec FlexVPN PSK does not scale on asr1013/RP2/ESP100                                |
| <a href="#">CSCvb34443</a> | ikev2 fragmentation not working with aes-gcm encryption - hmac failure                         |
| <a href="#">CSCvb59372</a> | Double-free of VTY context causes a software-forced crash                                      |
| <a href="#">CSCvb86484</a> | wrong EIGRP redistribution statement in startup config breaks BGP settings after router reload |
| <a href="#">CSCvc14385</a> | Missing FIB subblock causes crash when configuring vrf   |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvc55378</a> | ASR1k crashed while unconfiguring Netflow   |
| <a href="#">CSCvc65604</a> | VNET global vrf neighbor is down after an interface flap  |
| <a href="#">CSCvc96709</a> | Crash using EIGRP and DVTI with IKEv2   |
| <a href="#">CSCvc98571</a> | EEM applet will not release the Config Session Lock if it ends when CLI is in configuration mode  |
| <a href="#">CSCvd02153</a> | Router may crash when performing MPLS fragmentation.  |
| <a href="#">CSCvd04871</a> | Crash after IWAN does a recalculation in the RIB  |
| <a href="#">CSCvd22385</a> | IKEv2 when key-config key is lost, type 6 pre-shared key encrypted form is sent as pre-shared key |
| <a href="#">CSCvd35443</a> | Site-prefix-learning:Crash on EIGRP process when issuing "no ip vrf red" on HMCBR                 |
| <a href="#">CSCvd47657</a> | ISR4K routers may crashed with Segmentation Fault in AFW Application Process                      |
| <a href="#">CSCve27445</a> | memory leak due to CDP enabled on tunnel(ipsec)   |
| <a href="#">CSCve43573</a> | Large EIGRP SAF updates close to max size may induce stale condition                              |
| <a href="#">CSCve47887</a> | Crash in CEF: IPv4 process on Catalyst 3850 and 3650  |
| <a href="#">CSCve57830</a> | SUBALTNNAME DECODE fails for APIC_EM self-signed cert when validating server identity             |
| <a href="#">CSCvf07153</a> | SIP Date header format not in GMT Format  |
| <a href="#">CSCvfi1721</a> | ASR1k netflow crash at flow_def_field_list_copy_with_callback                                     |
| <a href="#">CSCvfi1776</a> | VRRPv3 with VRRS remains NOT READY after shutdown Port-channel IF.                                |
| <a href="#">CSCvf23339</a> | Communication through Serial port not going through RTS down                                      |
| <a href="#">CSCvf24607</a> | Ipssec Session Fail After Up/down Link Between Dmvpn Tunnel                                       |
| <a href="#">CSCvf36269</a> | Cisco IOS and IOS XE Software Plug-and-Play PKI API Certificate Validation Vulnerability          |
| <a href="#">CSCvf51773</a> | NHRP redirect overriding routing table  |
| <a href="#">CSCvf84349</a> | Router crash on polling cEigrpPeerEntry   |
| <a href="#">CSCvg05452</a> | IOS-XE router crash from memory corruption during CCB cleanup                                     |
| <a href="#">CSCvg05896</a> | IWAN EIGRP SAF - seq number mismatch after branch reload  |
| <a href="#">CSCvg09010</a> | KS merge fails for groups with TBAR due to PST update failure on primary KS                       |
| <a href="#">CSCvg30991</a> | IOS-XE routers: Memory leak observed on process ivr: peer_item_t in AFW_application_process       |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvg34167</a> | Unexpected reboot of voice gateway 4400ISR  |
| <a href="#">CSCvg36598</a> | ISAKMP Fails When Multiple HSRP tunnel/SVTI Interfaces Configured                                   |
| <a href="#">CSCvg39082</a> | Cisco device unexpectedly reloads after TCP session timeout   |
| <a href="#">CSCvg56628</a> | "*Packet Header*" and "pak subblock chunk" leak   |
| <a href="#">CSCvg59604</a> | Cube crashes intermittently multiple times within every two days.                                   |
| <a href="#">CSCvg71566</a> | "no cdp enable" is rewritten to "no cdp tlv app" after reload.                                      |
| <a href="#">CSCvg85087</a> | ISM: Packet loss when VTI and Crypto Map are used with Port-Channel                                 |
| <a href="#">CSCvg89163</a> | CUBE does not acknowledge Session-Expires header in UPDATE  |
| <a href="#">CSCvg90226</a> | Crypto Traceback: Router crash at 'Crypto Support' segmentation fault                               |
| <a href="#">CSCvg95562</a> | CENT: branch MC crashed @ cent_pdp_msg_send_from_pickexit after CSCup19724                          |
| <a href="#">CSCvg98890</a> | IOS-XE GM router might crash after the rekey method is changed from unicast to multicast            |
| <a href="#">CSCvg99744</a> | TWAMP session timeout every (3 * timer inactivity value) seconds.                                   |
| <a href="#">CSCvh02294</a> | ISR4K SW MTP configured as TRP does not relay sRTCP messages  |
| <a href="#">CSCvh05611</a> | IOSd crash while applying dial peer configuration   |
| <a href="#">CSCvh30035</a> | ISM stops forwarding IPSEC traffic / %OCE-3-OCE_FWD_STATE_HANDLE / free_ob=75000                    |
| <a href="#">CSCvh32216</a> | Sporadic Crashes Due to IPsec (during ISAKMP AAA interaction)                                       |
| <a href="#">CSCvh48610</a> | iwan router crash while updating pmi policy   |
| <a href="#">CSCvh49364</a> | PFRv3 Incorrect time-stamp in traffic-class router change history                                   |
| <a href="#">CSCvh52788</a> | C841M SVI interface send redirect packet when the address doesn't exist and it doesn't know the MAC |
| <a href="#">CSCvh64475</a> | router crashed after entered "no ipv6 access-class sl_def_ipv6_acl in" during quiet mode            |
| <a href="#">CSCvh66033</a> | IKEv2 - Crash with segmentation fault when debugs crypto ikev2 are enabled                          |
| <a href="#">CSCvh68228</a> | CUBE Unsolicited NOTIFY returns 481 Subscription does not exist                                     |
| <a href="#">CSCvh70570</a> | MGCP fallback mode remains ON after CUCM registered   |
| <a href="#">CSCvh75132</a> | CPP crash stuck thread detected multikey_hash_replace_int   |
| <a href="#">CSCvh88330</a> | VAI Leaks with IKEv1 DVTI   |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCvh89062</a> | PfRv3: Crash NextHop timer timeout and route down at the same time                                   |
| <a href="#">CSCvh97101</a> | NAT-HA on Cisco 2900s breaks if it is asymmetric routing.  |
| <a href="#">CSCvh99912</a> | traceback: PM-4-NOSB: No PM subblock found for interface Gi0/0                                       |
| <a href="#">CSCvi01805</a> | Router with SIP traffic crashes at ccsip_free_kpml_info  |
| <a href="#">CSCvi05126</a> | ISAKMP Notification messages carry unnecessary data  |
| <a href="#">CSCvi05172</a> | Overruns due to nbar with bursty flows   |
| <a href="#">CSCvi15949</a> | Cisco2921 ssh/console session hung when config script runs flowcontrol hardware command              |
| <a href="#">CSCvi19685</a> | ISDN - BRI - 'progress_ind' command does not work  |
| <a href="#">CSCvi42002</a> | CDP packets not getting encapsulated over multipoint GRE tunnel                                      |
| <a href="#">CSCvi42049</a> | Crashes seen with C2900+ISM crypto engine with high traffic rates / high CPU                         |
| <a href="#">CSCvi44298</a> | ISR4451 Installs 2 IPsec SA's with different peers having same proxy identities                      |
| <a href="#">CSCvi50061</a> | Evaluate NTP February 2018 Vulnerabilities.  |
| <a href="#">CSCvi54878</a> | Memory leaks seen at PKI_name_list_add(0xa139cc0)+0x3e   |
| <a href="#">CSCvi56463</a> | Unexpected Reset, Crypto IKMP Segmentation fault with IPSec AAA Configuration                        |
| <a href="#">CSCvi66343</a> | ASR1K Datapath is not passing CTS tagging over PfRV3 auto-tunnel with "cts sgt inline"               |
| <a href="#">CSCvi67613</a> | Protocol type for GRE header doesn't work consistently with "cts sgt inline" enable over auto-tunnel |
| <a href="#">CSCvi78427</a> | 2921 constantly freezes due to BADSHARE error  |
| <a href="#">CSCvi81348</a> | SM-ES3G-24-P denied power beyond 480Watt by Cisco3945e chassis                                       |
| <a href="#">CSCvi93528</a> | PI IOSd reload due to call-home at kex_dh_hash conn pointing to eem                                  |
| <a href="#">CSCvj20285</a> | Stack corruption crash on ESR  |
| <a href="#">CSCvj23301</a> | IOS: Crypto Ruleset fails to get deleted   |
| <a href="#">CSCvj25678</a> | Crash after failing to modify xcode  |
| <a href="#">CSCvj27172</a> | Crash during Generic Call Filter Module cleanup  |
| <a href="#">CSCvj41550</a> | default channel operation state changing from I/O to D/O failed when zero-sla enabled                |
| <a href="#">CSCvj44709</a> | Pause Frames transmitted on interface even after traffic spike ends                                  |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvj51066</a> | c3900E w/SPE200 - 15.5(3)M7 - bus error crash with IPv6 crypto traffic and high CPU |
| <a href="#">CSCvj61463</a> | ISR crashes after 'no parameter-map type cws global' command                        |
| <a href="#">CSCvj70568</a> | FlexVPN    DHCP entries not flushing for ikev2 timed out reconnect sessions         |
| <a href="#">CSCvj78676</a> | Router crashes @ memcopy, mdns_read_packet  |
| <a href="#">CSCvk27007</a> | MGCP status remains Down after IOS upgrade caused by CSCvh70570                     |

## Open Bugs—Cisco IOS Release 15.5(3)M8

Table 4: Open Bugs—Cisco IOS Release 15.5(3)M8

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCsw31148</a> | Feature Enhancement Request for ARP entry limit capability                       |
| <a href="#">CSCti56560</a> | QoS Policy affecting the behavior of other Policies                              |
| <a href="#">CSCty26398</a> | ACE entry with *established* KW in ACL drops TCP packets - SSH.                  |
| <a href="#">CSCtz84873</a> | Crash due to stack overflow: CCSIP_SPI_CONTROL running low, 0/60000              |
| <a href="#">CSCuf55932</a> | VRF+PBR+NAT would not work with CEF  |
| <a href="#">CSCut51090</a> | The creation of line 40 seems to be pretty senseless.                            |
| <a href="#">CSCuu76493</a> | Cisco IOS and IOS XE Software EnergyWise Denial of Service Vulnerabilities       |
| <a href="#">CSCuu81597</a> | NAT inside interface is place in Admin Down after a reload                       |
| <a href="#">CSCuw56669</a> | DMVPN Phase3 OSPF Broadcast: NHO addition fails - insufficient resources         |
| <a href="#">CSCuz29721</a> | Memory leak under HTTP EPM Redirect Daemon                                       |
| <a href="#">CSCva42524</a> | %SMC-2-BAD_ID_HW: Failed Identification Test in 0/-1/-1 [7/0] in logs            |
| <a href="#">CSCva72881</a> | crash due to Auth-proxy HTTP daemon process failing                              |
| <a href="#">CSCvc19168</a> | Audio stream is lost from Gateway once it receives mid-call Re-invite CUCM       |
| <a href="#">CSCvc39563</a> | High CPU Due to "Async write proc" During Hung Filesystem Operation              |
| <a href="#">CSCvc63810</a> | Increase VXML Global memory at maximum value of 2MB                              |
| <a href="#">CSCvc78398</a> | 3.18.1.SP modem/s stuck in reject(pk) with PKI-3-CERTIFICATE_INVALID log message |
| <a href="#">CSCvd87882</a> | Route-map for static nat statement gets removed by itself                        |



| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCvf11181</a> | 3925 crash at be_fw_dp_scep_handle   |
| <a href="#">CSCvf29206</a> | Cisco 3945 sending Link Down trap incorrectly  |
| <a href="#">CSCvf34608</a> | Excessive "Reflector" Tracelogs  |
| <a href="#">CSCvf43290</a> | CUBE LTI Transcoder - Allocation error leads to no way audio   |
| <a href="#">CSCvg29770</a> | CUBE Duplicates Diversion Header using DNS and SIP bindings  |
| <a href="#">CSCvh53685</a> | MTU on serial interface adjusts automatically to 1500 after an interface bounce                      |
| <a href="#">CSCvh87823</a> | NVI NAT overload between different VRFs fail for ICMP  |
| <a href="#">CSCvh96542</a> | CCSIP_SPI_CONTRO holding memory increasing   |
| <a href="#">CSCvj60825</a> | Redzone overlay copying SIP SDP data   |
| <a href="#">CSCvj84158</a> | PfRv3: BR May Crash due to Channel Creation/Modification and Next-Hop State (Copied from CSCva72274) |
| <a href="#">CSCvk00363</a> | "ip address dhcp" may disappear from configuration affecting forwarding capability                   |
| <a href="#">CSCvk30939</a> | Memory corruption at PKI Session End   |
| <a href="#">CSCvk51433</a> | Lisp router crash with enabling IPv6 and DHCP relay.   |

## Resolved Bugs—Cisco IOS Release 15.5(3)M7

Table 5: Resolved Bugs—Cisco IOS Release 15.5(3)M7

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCsy56638</a> | Switch crashes after getnext on the last cafServerAliveAction index      |
| <a href="#">CSCuo76385</a> | Router crashes at ic_dp_classify when Serial link flaps                  |
| <a href="#">CSCuv01168</a> | SPA-2XCT3/DS0 controller is not coming up on fresh reboot.               |
| <a href="#">CSCuv36677</a> | IOS allows RC4-MD5 and RC4-SHA1 SSL ciphers to be negotiated by default  |
| <a href="#">CSCuv58654</a> | Webvpn on Dialer interface fails unless CEF is disabled                  |
| <a href="#">CSCuw19844</a> | router crash while connecting to the camera on the NAT enabled interface |
| <a href="#">CSCux26195</a> | "aaa accounting suppress null-username" not working as expected          |
| <a href="#">CSCux45452</a> | Spike seen in SLCP process due to specific OIDs being polled by SNMP     |
| <a href="#">CSCux50997</a> | IOS crashes on bootup without any startup configuration                  |
| <a href="#">CSCux65265</a> | Crash during the show interface CMD while a multicast tunnel goes down   |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCuy09470</a> | ISIS hello stops to be sent after RSP switchover   |
| <a href="#">CSCuy14110</a> | CPU Spike seen due to VTEMPLATE BKG OW Process.  |
| <a href="#">CSCuy35425</a> | IOS memory leak in SSLVPN  |
| <a href="#">CSCuy50465</a> | Logging persistent may lead to IOS image corruption on the flash                                     |
| <a href="#">CSCuy51825</a> | Router crash in udpTrans_socket_get_data   |
| <a href="#">CSCuy96461</a> | IOS-XE EPC does not work on port-channel subinterfaces   |
| <a href="#">CSCuz62898</a> | Crash in BGP due to regular expressions  |
| <a href="#">CSCuz95908</a> | Memory leak due to path query with Null outgoing interface   |
| <a href="#">CSCva03535</a> | HTTP closing newly opened connections due to duplicate FD  |
| <a href="#">CSCva44291</a> | OCSP SHA2 signature algorithms verification fails  |
| <a href="#">CSCva61896</a> | Premature free of trustpoint metadata causes Crypto PKI RECV crash                                   |
| <a href="#">CSCva72564</a> | Customer POC- Autoinstall obtained IP overrides USB bootstrap config                                 |
| <a href="#">CSCvb01610</a> | XE316: Regular Expression Mismatch with include pattern  |
| <a href="#">CSCvb20224</a> | Router crashes on configuring bandwidth on the Dialer interface                                      |
| <a href="#">CSCvb75834</a> | Regular Expression breakage  |
| <a href="#">CSCvb88373</a> | MRCP V2 logging tag support  |
| <a href="#">CSCvb98227</a> | IOS: router crashed due to possible memory leak on CCSIP_SPI_CONTROL                                 |
| <a href="#">CSCvc07577</a> | Crash in BGP due to regular expressions  |
| <a href="#">CSCvc35453</a> | ISATAP Server feature broken on ASR1K  |
| <a href="#">CSCvc39087</a> | Default route via dialer interface stays up, even when dialer is down.                               |
| <a href="#">CSCvc61899</a> | static route is not getting redistributed into RIP database  |
| <a href="#">CSCvc77378</a> | Glare condition exists for mid call DO INVITE when CUBE receives in-dialogue SIP OPTIONS message     |
| <a href="#">CSCvc77706</a> | [DT]Crash observed while sending ANCP port up  |
| <a href="#">CSCvc78492</a> | DMVPN : IOS-XE - Unable to pass traffic if spoke to spoke fails to build in phase 2                  |
| <a href="#">CSCvd27271</a> | Crash during after IPSLA/IPPM frees packet store information   |
| <a href="#">CSCvd38714</a> | OSPF: When anycast present in two areas, when one area is removed, rout not getting installed in RIB |
| <a href="#">CSCvd40276</a> | OSPF: Not able to remove ospfv3 config under Virtual-Template  |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvd63055</a> | RSP3: uea_mgr crash observed while match EFP policy DM case   |
| <a href="#">CSCvd63393</a> | Policy-map name 'policy-map PIN-G3/1/3.8' causes TB and subsequent RP Crash on Policy deletion/add. |
| <a href="#">CSCvd64575</a> | command sh run caused router to pause passing traffic 1 to 2 seconds.                               |
| <a href="#">CSCvd64670</a> | SCEP enrollment failing with HTTP/1.1 500 Internal Error  |
| <a href="#">CSCvd67254</a> | Crash during CRL fetch failure  |
| <a href="#">CSCvd86031</a> | RSVP neighbor is not coming up after reloading ASR9001 peer   |
| <a href="#">CSCvd90560</a> | Incorrect channel next-hop for branch to branch traffic   |
| <a href="#">CSCvd97768</a> | ISR4k crash at sstrncpy using voice.  |
| <a href="#">CSCve07263</a> | IPSec Tunnel stuck in Up/Down state after shut/no-shut - VPN Interop                                |
| <a href="#">CSCve08418</a> | IPsec/IKEv2 Installation Sometimes Fails With Simultaneous Negotiations                             |
| <a href="#">CSCve17435</a> | ipv6 lisp etr map-server key xxx hash-function sha2 is lost from cpe config upon reload             |
| <a href="#">CSCve39308</a> | cft_fid_table_new_flow causing Memory Fragmentation on c3900  |
| <a href="#">CSCve41775</a> | crash over CCSIP_SPI_CONTROL process due to null pointer / segmentation fault                       |
| <a href="#">CSCve51657</a> | Slow convergence with scale after a core link flaps   |
| <a href="#">CSCve53674</a> | crash on l2tp_session_get_socket_type   |
| <a href="#">CSCve57506</a> | IPv6 ESP traffic incorrectly dropped after decryption by IPv6 interface access-list                 |
| <a href="#">CSCve59906</a> | router crash with "param long-dur-action disconnect"  |
| <a href="#">CSCve63165</a> | ASR903 RSP1 crashes @ ssh_buffer_append, ssh2_packet_start  |
| <a href="#">CSCve66119</a> | Router crash due to process "Crypto Support" segmentation fault                                     |
| <a href="#">CSCve68771</a> | Crash in TCL/AFW processes  |
| <a href="#">CSCve74806</a> | Standby Router crash when there is a m-line shrink case within the dialog.                          |
| <a href="#">CSCve75919</a> | In-dialog options ping received post ACK (call completion) cause cube to change codec and no audio  |
| <a href="#">CSCve77120</a> | Need a CLI command to control logging-tag in non-generic messages                                   |
| <a href="#">CSCvfl6626</a> | iwan router crash while updating pmi policy   |
| <a href="#">CSCvf19607</a> | ISR4K not correctly handling forked 18X responses with SDP  |
| <a href="#">CSCvf25433</a> | Crash after reconfiguring 'login quiet-mode access-class' or 'login block-for'                      |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCvf29213</a> | PFRV3: Site Prefix shows unreachable after removing and adding the specific route for the prefix   |
| <a href="#">CSCvf29238</a> | VXML GW is unable to populate the MRCP V2 headers based on child VXML documents                    |
| <a href="#">CSCvf31368</a> | router crash after EEM-wanfailover script triggered  |
| <a href="#">CSCvf33947</a> | CUBE can't handle mid-call re-invite when midcall-signalling passthrough mediachange is configured |
| <a href="#">CSCvf34835</a> | IOS-XE GETVPN KS crashes while sending cgmGdoiKeyServerRegistrationComplete trap after GM reg      |
| <a href="#">CSCvf38050</a> | Voice Gateway crash due to memory corruption while finding DN index during redirect                |
| <a href="#">CSCvf48159</a> | Router crash during T38 fax bitrate negotiation  |
| <a href="#">CSCvf51341</a> | Crash after show ip ospf database summary command  |
| <a href="#">CSCvf54314</a> | Crash due to a null pointer dereference on htsp structure  |
| <a href="#">CSCvf54380</a> | Memory leak due to IP SLAs XOS Event Processor   |
| <a href="#">CSCvf60862</a> | Cisco IOS and IOS XE Software IOS daemon Cross-Site Scripting Vulnerability                        |
| <a href="#">CSCvf62916</a> | Router crashes when doing "show ip bgp neighbor" on a flapping BGP neighborship                    |
| <a href="#">CSCvf63541</a> | BGP w/global import/export crashes when several nbrs deleted simultaneously                        |
| <a href="#">CSCvf65643</a> | Unicast ping stops working when "ip pim sparse-mode" removed from SVI                              |
| <a href="#">CSCvf67269</a> | IS-IS support for multi-instance redistribution for IPv6.  |
| <a href="#">CSCvf67481</a> | AAA process not sending malloc if dynamic heap free mem is under aaa mem threshold                 |
| <a href="#">CSCvf68602</a> | e1r2-Cas is not working when adding "invert-abcd 1 0 0 0"  |
| <a href="#">CSCvf70383</a> | Crash in SDP Passthru when T.38 as 1st mline in mid-call SDP                                       |
| <a href="#">CSCvf71358</a> | NBAR First Packet Classification fails with AppNav enabled   |
| <a href="#">CSCvf74829</a> | CRL download fails due to "failed to create getcacert message"                                     |
| <a href="#">CSCvf76512</a> | option 82 circuit-id-tag restricted by 6 bytes   |
| <a href="#">CSCvf80495</a> | IPv6 BGP network advertized not seen in the peer   |
| <a href="#">CSCvf81579</a> | ASR1K: IOSd crash in kmi_initial_check on null map dereference                                     |
| <a href="#">CSCvf84295</a> | Memory leak in IPSEC key engine process  |
| <a href="#">CSCvf87649</a> | C891-24X/K9 BDI not forwarding traffic as mac address 0000.0000.0000                               |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvf87808</a> | SIP-SIP calls fail in 15.5(3)M6 - VRF enable calls  |
| <a href="#">CSCvf89608</a> | Missing ip route to cellular interface after router reload or modem power cycle                     |
| <a href="#">CSCvf89894</a> | GETVPN // Primary KS sending rekey first to GM's and then to Secondary KS via scheduled rekey.      |
| <a href="#">CSCvf96035</a> | ISIS redistribute connected not working for IPV6 routes   |
| <a href="#">CSCvf97230</a> | RE-INVITE and OPTIONS Glare not handled by CUBE   |
| <a href="#">CSCvg06722</a> | CREATE/RSP3: IPSec tunnels goes down after lifetime expiry even with ReKey enbaled                  |
| <a href="#">CSCvg07428</a> | PfRv3 triggers List Header leak in FNF  |
| <a href="#">CSCvg13049</a> | ISRG2: dot1p marking fails if service-policy applied on the Dialer                                  |
| <a href="#">CSCvg14256</a> | Crash at cc_detect_mute_call  |
| <a href="#">CSCvg21440</a> | Memory leak with DMVPN tunnel protection ipsec  |
| <a href="#">CSCvg28395</a> | Crash when doing snmp walk for ipAddressEntry   |
| <a href="#">CSCvg29183</a> | ISR4K - XE 16.3.4 - SIP-TDM GW - FLEXDSPRM-3-TDM_CONNECT errors and crash                           |
| <a href="#">CSCvg52560</a> | Traceback: OCSF creates a large number of lists and triggers a memory problem                       |
| <a href="#">CSCvg74048</a> | PKI: All SCEP requests fail with "Failed to send the request. There is another request in progress" |
| <a href="#">CSCvg81898</a> | FMT_SMF.1.1 Audit Review  |
| <a href="#">CSCvg89949</a> | Crash seen on VDSL with ATM over Ethernet configuration   |
| <a href="#">CSCvh05575</a> | ISR 4k SCCP Process Does Not Wait for All PVDM Modules to Come Up Before Registering                |
| <a href="#">CSCvh17481</a> | PKI: Device crash during crl download with multiple CDP URI   |
| <a href="#">CSCvh45897</a> | NAT not doing translation for SIP payload   |

## Open Bugs—Cisco IOS Release 15.5(3)M7

Table 6: Open Bugs—Cisco IOS Release 15.5(3)M7

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCsw31148</a> | Feature Enhancement Request for ARP entry limit capability |
| <a href="#">CSCtq80074</a> | Crah seen @ trigger_auth_command                           |

| Caveat ID Number | Description   |
|------------------|---|
| CSCts86510       | NIGHTLY Build FAILED for 15.0M on 2011-09-17                                  |
| CSCtz84873       | Crash due to stack overflow: CCSIP_SPI_CONTROL running low, 0/60000           |
| CSCuf55932       | VRF+PBR+NAT would not work with CEF   |
| CSCuu76493       | Cisco IOS and IOS XE Software EnergyWise Denial of Service Vulnerabilities    |
| CSCuu81597       | NAT inside interface is place in Admin Down after a reload                    |
| CSCuw43115       | CSR1Kv XE 3.13.3S Crashed on clearing ip ospf process                         |
| CSCux95215       | Evaluation of sce for NTP_January_2016  |
| CSCuy01416       | EHWIC-1GE-SFP-CU on ISR2951: MAC addr is not learned with EVC/BD config       |
| CSCuy07466       | Evaluation of sce for OpenSSL January 2016                                    |
| CSCuy54627       | Evaluation of sce for OpenSSL March 2016                                      |
| CSCuz29721       | Memory leak under HTTP EPM Redirect Daemon                                    |
| CSCuz39721       | ASR1K/RP2/SW 15.4(3)S4 crash  |
| CSCuz52530       | Evaluation of sce for OpenSSL May 2016  |
| CSCva19023       | CFD: Router or Switch Crashes When PNP Configures VTY Line Due to Stale CSB   |
| CSCva42524       | %SMC-2-BAD_ID_HW: Failed Identification Test in 0/-1/-1 [7/0] in logs         |
| CSCva72881       | crash due to Auth-proxy HTTP daemon process failing                           |
| CSCvc19168       | Audio stream is lost from Gateway once it receives mid-call Re-inivte CUCM    |
| CSCvc23570       | Evaluation of sce for NTP November 2016                                       |
| CSCvc39563       | ISR 8xx - High CPU Due to "Async write proc" During Hung Filesystem Operation |
| CSCvc62742       | Preventive fix for crash in AFW DataList                                      |
| CSCvc63810       | Increase VXML Global memory at maximum value of 2MB                           |
| CSCvd87882       | Route-map for static nat statement gets removed by itself                     |
| CSCve43933       | media activity drops calls on hold if RTP/all receive criteria is configured  |
| CSCvf11181       | 3925 crash at be_fw_dp_sccp_handle  |
| CSCvf43290       | CUBE LTI Transcoder - Allocation error leads to no way audio                  |
| CSCvg56628       | "*Packet Header*" and "pak subblock chunk" leak                               |
| CSCvg68773       | Global bind disappears when bind interface flaps during an active call        |
| CSCvg71566       | "no cdp enable" is rewritten to "no cdp tlv app" after reload.                |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCvg80679</a> | CGR2010: Router crashes at first reload post GRWIC-4G-LTE-A modem firmware upgrade       |
| <a href="#">CSCvh23580</a> | Memory leak in Chunk Manager process triggered by Flexible Netflow                       |
| <a href="#">CSCvh26364</a> | Anyconnect: Hairpinning fails with cef enabled   |
| <a href="#">CSCvh28534</a> | Watchdog crash: PERF MON ASYNC EXPORT PROCESS  |
| <a href="#">CSCvh30035</a> | ISM stops forwarding IPSEC traffic / %OCE-3-OCE_FWD_STATE_HANDLE / free_ob=75000         |
| <a href="#">CSCvh64475</a> | router crashed after entered "no ipv6 access-class sl_def_ipv6_acl in" during quiet mode |

## Resolved Bugs—Cisco IOS Release 15.5(3)M6a

Table 7: Resolved Bugs—Cisco IOS Release 15.5(3)M6a

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCuv01168</a> | SPA-2XCT3/DS0 controller is not coming up on fresh reboot.                |
| <a href="#">CSCuv85705</a> | ISR4k: Large allocations in dheap causing shrinkage in total IOSd mempool |
| <a href="#">CSCuw31413</a> | Protect LC crash @ A critical process ubrcle_k9lc_ms has failed (rc 139)  |
| <a href="#">CSCux50997</a> | IOS crashes on bootup without any startup configuration                   |
| <a href="#">CSCuz42995</a> | CSCus79699 broke top allocators in crashinfo                              |
| <a href="#">CSCva72564</a> | Customer POC- Autoinstall obtained IP overrides USB bootstrap config      |
| <a href="#">CSCvf87808</a> | SIP-SIP calls fail in 15.5(3)M6 - VRF enable calls                        |

## Open Bugs—Cisco IOS Release 15.5(3)M6

Table 8: Open Bugs—Cisco IOS Release 15.5(3)M6

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvc26759</a> | ASR1k: ISG sends in Accounting-Response Message-Authenticator[80]   |
| <a href="#">CSCtq80074</a> | Crash seen @ trigger_auth_command                                   |
| <a href="#">CSCut51090</a> | The creation of line 40 seems to be pretty senseless.               |
| <a href="#">CSCee00894</a> | Non-Cisco client remaining in association table after they left BSS |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvb01725</a> | LEAPSEC: BC in holdover is not sending the last learnt utcOffset                          |
| <a href="#">CSCuy50465</a> | Logging persistent may lead to IOS image corruption on the flash                          |
| <a href="#">CSCtr19078</a> | IO Memory leak in cisco3270   |
| <a href="#">CSCty26398</a> | ACE entry with *established* KW in ACL drops TCP packets - SSH.                           |
| <a href="#">CSCve58987</a> | memory leak in cce_dp_sb_pak_subblock_process_create                                      |
| <a href="#">CSCva78345</a> | router crash in qos acl check   |
| <a href="#">CSCve27445</a> | memory leak due to CDP enabled on tunnel(ipsec)   |
| <a href="#">CSCve94032</a> | Router crash @ SkinnyAddMediaMohClient  |
| <a href="#">CSCvf04110</a> | ISR Router Crashes When Handling IPSEC Fragments, Bus Error at Address 0x20               |
| <a href="#">CSCvf03912</a> | I/O Leak in middle buffer from SNMP Polls   |
| <a href="#">CSCvc69693</a> | After reload static route is missing from RIB   |
| <a href="#">CSCvd80837</a> | Crash observed in DHCP SIP  |
| <a href="#">CSCvc75104</a> | Packets are intermittently dropped with dialer aaa  |
| <a href="#">CSCuz29721</a> | Memory leak under HTTP EPM Redirect Daemon  |
| <a href="#">CSCvc80033</a> | unplug cable or shut interface trigger EIGRP loop to crash router over LISP with tunnels. |
| <a href="#">CSCvb99325</a> | Virtual-Access interfaces are saving to the EIGRP running-config                          |
| <a href="#">CSCuu76493</a> | Cisco IOS and IOS XE Software EnergyWise Denial of Service Vulnerabilities                |
| <a href="#">CSCuw43115</a> | CSR1Kv XE 3.13.3S Crashed on clearing ip ospf process                                     |
| <a href="#">CSCuy33991</a> | Router crash after tunnel interface goes up and BGP adjacency is set up                   |
| <a href="#">CSCva03535</a> | HTTP closing newly opened connections due to duplicate FD                                 |
| <a href="#">CSCvd64670</a> | SCEP enrollment failing with HTTP/1.1 500 Internal Error                                  |
| <a href="#">CSCuv36677</a> | IOS allows RC4-MD5 and RC4-SHA1 SSL ciphers to be negotiated by default                   |
| <a href="#">CSCva72881</a> | crash due to Auth-proxy HTTP daemon process failing                                       |
| <a href="#">CSCvd64575</a> | command sh run caused router to pause passing traffic 1 to 2 seconds.                     |
| <a href="#">CSCur04161</a> | CWS: Lazarus: 60 seconds latency seen after xml download for Except Mgmt                  |
| <a href="#">CSCta43825</a> | SNMP walk of ipNetToMediaTable/atTable leads to high CPU util issue                       |
| <a href="#">CSCvc61899</a> | static route is not getting redistributed into RIP database                               |



| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCux65265</a> | Crash during the show interface CMD while a multicast tunnel goes down                             |
| <a href="#">CSCvd78425</a> | Commit CSCum96146 CUBE HA pair crash into 15.5   |
| <a href="#">CSCtz84873</a> | Crash due to stack overflow: CCSIP_SPI_CONTROL running low, 0/60000                                |
| <a href="#">CSCuw65318</a> | Cube is not passing REFER on second transfer attempt   |
| <a href="#">CSCve64645</a> | CUBE replaces G723 with G729   |
| <a href="#">CSCve24644</a> | CUBE sends ptime: 160 with midcall-signaling preserve-codec  |
| <a href="#">CSCve75919</a> | In-dialog options ping received post ACK (call completion) cause cube to change codec and no audio |
| <a href="#">CSCuz77054</a> | "sh crypto gdoi gm data counter" randomly increases after REKEY                                    |
| <a href="#">CSCvb08960</a> | ezvpn client config disappears from dialer int when pppoe session flaps                            |
| <a href="#">CSCuv90519</a> | Map doesn't get updated with socket change on local address change                                 |
| <a href="#">CSCuw56669</a> | DMVPN Phase3 OSPF Broadcast: NHO addition fails - insufficient resources                           |
| <a href="#">CSCve57506</a> | IPv6 ESP traffic incorrectly dropped after decryption by IPv6 interface access-list                |
| <a href="#">CSCuz27769</a> | gateway sends connected name in iso even when ecma is configured                                   |
| <a href="#">CSCvc39563</a> | ISR 8xx - High CPU Due to "Async write proc" During Hung Filesystem Operation                      |
| <a href="#">CSCve37735</a> | C2900 with ISM-VPN-29 - 15.5M - wrong interface "input rate" with GET/crypto traffic               |
| <a href="#">CSCuy01416</a> | EHWIC-1GE-SFP-CU on ISR2951: MAC addr is not learned with EVC/BD config                            |
| <a href="#">CSCuu90215</a> | Energywise output displays wrong values  |
| <a href="#">CSCve68801</a> | Memory alignment error by m8500 interrupt  |
| <a href="#">CSCuu67930</a> | Wrong new lines placement in power consumption information   |
| <a href="#">CSCva42524</a> | %SMC-2-BAD_ID_HW: Failed Identification Test in 0/-1/-1 [7/0] in logs                              |
| <a href="#">CSCuz69459</a> | HWIC-4T with hardware reversion have ping loss.  |
| <a href="#">CSCva44461</a> | ISR: PCIe bus error crash  |
| <a href="#">CSCva20682</a> | VWIC3:Line protocol goes down with a config of Sha-512 & ping > MTU size                           |
| <a href="#">CSCve53674</a> | crash on l2tp_session_get_socket_type  |
| <a href="#">CSCve93263</a> | Chunk Corruption Crash with MACE Configured  |
| <a href="#">CSCvb84068</a> | igmp ssm-map in VRF does not use the VRF name-server   |
| <a href="#">CSCuz95908</a> | Memory leak due to path query with Null outgoing interface   |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCve83704</a> | A host translated to an IP via Dynamic 1-1 NAT, is not being mapped to another IP                   |
| <a href="#">CSCuu81597</a> | NAT inside interface is place in Admin Down after a reload  |
| <a href="#">CSCtq48581</a> | Natted traffic is getting process switched after reload.  |
| <a href="#">CSCvd87882</a> | Route-map for static nat statement gets removed by itself   |
| <a href="#">CSCuf55932</a> | VRF+PBR+NAT would not work with CEF   |
| <a href="#">CSCvc20201</a> | Learning site-prefix from RIB   |
| <a href="#">CSCve61713</a> | PfRv3: Crash in Route-Control Process   |
| <a href="#">CSCvf02356</a> | ASR1002-X Router crashed on 'Parent still holding tunnel subblocks after delete'                    |
| <a href="#">CSCvc78398</a> | 3.18.1.SP modem/s stuck in reject(pk) with PKI-3-CERTIFICATE_INVALID log message                    |
| <a href="#">CSCva19023</a> | unexpected pnp config-upgrade crash due to stale csb  |
| <a href="#">CSCvc55197</a> | MTU of the PPPoE Dialer interface resets to 1492 while doing any change in the MTU config           |
| <a href="#">CSCvc88922</a> | ppp ms-chap refuse don't work   |
| <a href="#">CSCuz39286</a> | Revert back of CSCuy70502 due to breakage in t_base_6   |
| <a href="#">CSCve46594</a> | Cannot reapply service policy under tunnel interface. Tunnel interface sourced using sub-interface. |
| <a href="#">CSCti56560</a> | QoS Policy affecting the behavior of other Policies   |
| <a href="#">CSCvf05494</a> | Traffic shaping not working with percent command  |
| <a href="#">CSCts86510</a> | NIGHTLY Build FAILED for 15.0M on 2011-09-17  |
| <a href="#">CSCty22416</a> | Machine Check Exception due to bus errors should generate crashinfo                                 |
| <a href="#">CSCvc23570</a> | Evaluation of sce for NTP November 2016   |
| <a href="#">CSCux95215</a> | Evaluation of sce for NTP_January_2016  |
| <a href="#">CSCuy07466</a> | Evaluation of sce for OpenSSL January 2016  |
| <a href="#">CSCuy54627</a> | Evaluation of sce for OpenSSL March 2016  |
| <a href="#">CSCuz52530</a> | Evaluation of sce for OpenSSL May 2016  |
| <a href="#">CSCva93104</a> | Auto ip sla probes tags doesn't work  |
| <a href="#">CSCvc88132</a> | Counters not getting incremented for HTTP OID's like rttMonHTTPStatsDNSQueryError                   |

| Caveat ID Number            | Description   |
|-----------------------------|---|
| <a href="#">CSCte21976</a>  | IOS: scp error when pulling file using SSHv1ssh   |
| <a href="#">CSCvd12371</a>  | SSH logs showing empty username on successful authentication                              |
| <a href="#">CSCCuy35425</a> | IOS memory leak in SSLVPN   |
| <a href="#">CSCsz11565</a>  | SSLVPN ACL: Router crashes on issuing sh logging command                                  |
| <a href="#">CSCCuv58654</a> | Webvpn on Dialer interface fails unless CEF is disabled                                   |
| <a href="#">CSCvc62742</a>  | Preventive fix for crash in AFW DataList  |
| <a href="#">CSCCue49628</a> | BACD Script crashes when live feed fails without moh on flash                             |
| <a href="#">CSCvc91336</a>  | Add warning message for VG310P/VG320P when downloading older versions of IOS pre-15.6(3)M |
| <a href="#">CSCvc19168</a>  | Audio stream is lost from Gateway once it receives mid-call Re-invite CUCM                |
| <a href="#">CSCve43933</a>  | media activity drops calls on hold if RTP/all receive criteria is configured              |
| <a href="#">CSCvb98227</a>  | Memory exhaustion in CCSIP_SPI_CONTROL process  |
| <a href="#">CSCva22819</a>  | Processor pool leak due to CCSIP_SPI_CONTROL  |
| <a href="#">CSCve71631</a>  | SCB Memory leak reported in the CCSIP_SPI_CONTROL process                                 |
| <a href="#">CSCvd70498</a>  | TDM gateway rejects Sip info message, then sends an empty isdn facility message           |
| <a href="#">CSCve89479</a>  | Cube doesn't send ack or forward 200 ok   |
| <a href="#">CSCve71674</a>  | WCCP bypassed packets dropped by ACL on WAN interface                                     |
| <a href="#">CSCvb54653</a>  | Incoming SMS not showing syslog messages IOS 15.6(2)T                                     |
| <a href="#">CSCve52506</a>  | TCP stuck in CLOSEWAIT when using X25 PVC RBP   |

## Resolved Bugs—Cisco IOS Release 15.5(3)M6

Table 9: Resolved Bugs—Cisco IOS Release 15.5(3)M6

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCuz48415</a> | "aaa authentication suppress null-username" not working as expected                                 |
| <a href="#">CSCva47253</a> | AAA crash on multiple username deletions - Part 2   |
| <a href="#">CSCvd69608</a> | Asr1k crashes at PPP process on pushing 4 or more per-user static ipv6 routes                       |
| <a href="#">CSCvb64818</a> | ASR1k/ISG : 3.13.6 : Crash due to bad id in id_to_ptr when sending Accounting to non-existing group |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCuz97414</a> | Bulk-sync failure due to ip radius source-interface Vlan701 vrf VRF_MGMT             |
| <a href="#">CSCuy27733</a> | Continuous CPE request/solicit msgs causes CPU and Memory issues                     |
| <a href="#">CSCuy21675</a> | Crash@username_command with service pwd-encryption & common-criteria cfg             |
| <a href="#">CSCvd97229</a> | Framed-IPv6-Route attribute is not working for IPv6 full route with leading zeros    |
| <a href="#">CSCvc42499</a> | Function radius_message_authenticator_decode   |
| <a href="#">CSCuy46133</a> | IOS-XE unable to parse automate-tester cmd after save, gone after reload             |
| <a href="#">CSCuz60599</a> | ISR router crash when using secure login with %SYS-2-CHUNKBADREFCOUNT                |
| <a href="#">CSCux69225</a> | Mac filtering option "None" sends blank password                                     |
| <a href="#">CSCuy01051</a> | MPLS VPN over mGRE Routing issue after reload  |
| <a href="#">CSCva32762</a> | Radius packets are timed out caused link to go Critical-auth.                        |
| <a href="#">CSCuz04324</a> | radius-server vsa send authentication lost after reload                              |
| <a href="#">CSCvc70492</a> | Rework of CSCuz48415   |
| <a href="#">CSCux83859</a> | switch fails dot1x when identity field in eap id response is blank                   |
| <a href="#">CSCuz82218</a> | TACACS Enable authentication fails with null pre shared key                          |
| <a href="#">CSCve54313</a> | Crash in ALPS SNMP code  |
| <a href="#">CSCvc18420</a> | Sup8-E removing bfd template from interface causes standby to reload                 |
| <a href="#">CSCvc89965</a> | After reload route policy processing not re-evaluate with route-map using match RPKI |
| <a href="#">CSCvc12039</a> | ASR903/RSP1B&RSP3C 3sec to 10sec loss on RSP switchover when SSO enabled             |
| <a href="#">CSCvc99820</a> | BGP crashed configuring different update-source interface with v6 LL peering         |
| <a href="#">CSCvc58538</a> | BGP crashes when removing advertise-map  |
| <a href="#">CSCvc08355</a> | BGP table show detail not displaying CIDR values for classful networks               |
| <a href="#">CSCuw35828</a> | crash w/BGP show advertised-routes when route-server is on vrf                       |
| <a href="#">CSCvd90251</a> | Duplicate BGP prefixes are not dropped   |
| <a href="#">CSCvd09584</a> | eVPN PMSI VNI decoding / encoding as MPLS label                                      |
| <a href="#">CSCvd16828</a> | High CPU due to periodic route refresh to VPN peers using rtfiler AF                 |
| <a href="#">CSCvd02623</a> | Prefixes were not imported to Global BGP table                                       |
| <a href="#">CSCvc31517</a> | Router crashes using BGP commands for long cost extended community string            |
| <a href="#">CSCvc75887</a> | Support of RFC7432 EVPN route type 4 of originating router IPv4/IPv6 address         |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCvd43437</a> | Wrong Source IP Selection for eBGP in EVN/VNET environment                                 |
| <a href="#">CSCve57697</a> | Crash in Bstun SNMP code   |
| <a href="#">CSCuv99608</a> | uprev dev18 fixes to rel17   |
| <a href="#">CSCve42980</a> | Cisco2921 crash when disable/enable ACL list repeatedly by ssh                             |
| <a href="#">CSCut87808</a> | Crash While Accessing CallManager XML Config   |
| <a href="#">CSCvc09672</a> | Spurious memory access made in the CME code  |
| <a href="#">CSCvd49732</a> | User receives "Transfer to is busy" when transferring calls to an Octo-line                |
| <a href="#">CSCvb53469</a> | Ephone-DN remains in down state when restart all is given in telephony-service             |
| <a href="#">CSCvc63958</a> | SIP CME relays out "Authorization: header" received from IP Phone.                         |
| <a href="#">CSCvc21836</a> | SRST Clock is 9H faster on 200OK from Router   |
| <a href="#">CSCuy40939</a> | Trust List / Toll Fraud Feature vulnerability on CME                                       |
| <a href="#">CSCvc62470</a> | AQOS suggest incorrect rate as Rx_Bytes counter sent is 0                                  |
| <a href="#">CSCvd33792</a> | I/O pool memory leak when packets are redirected to ISM0/1 interface                       |
| <a href="#">CSCvc61636</a> | ISRG2 crashes due to Align-fatal when using ISM-VPN module.                                |
| <a href="#">CSCve06555</a> | One-way Netflow with IPsec Tunnel-in-Tunnel using ISM-VPN-29                               |
| <a href="#">CSCvd19860</a> | OSPFv3 AUTH breaks IPv6 traffic intermittently   |
| <a href="#">CSCvc46500</a> | OSPFv3 AUTH w/IPSEC adj change and invalid SPI msg with ISM VPN hardware crypto            |
| <a href="#">CSCve28730</a> | Spurious memory access when booting C2911 w/ISM-VPN-29 and 15.5(3)M5a                      |
| <a href="#">CSCuw77959</a> | 1801M - %DATACORRUPTION-1-DATAINCONSISTENCY: copy error                                    |
| <a href="#">CSCuv86130</a> | DHCPv6 Traceback message configured IPv6 DHCP client                                       |
| <a href="#">CSCus21944</a> | The 4510 switch with 03.03.03.XO does not generate accounting updates                      |
| <a href="#">CSCvc64017</a> | IOS/IOS-XE logging "sym_xapp_calleg_setup_req:codec not passthru do_rtcp == TRUE" messages |
| <a href="#">CSCvd81843</a> | Tracebacks seen during transcoding calls with dspfarm on ISR4k                             |
| <a href="#">CSCvc71139</a> | Add NBAR support for IIF_ID  |
| <a href="#">CSCva16353</a> | Fnf related tracebacks and fnf config issues during ISSU process                           |
| <a href="#">CSCva14555</a> | IOS-XE reload when configuring privilege exec level for Flexible Netflow                   |
| <a href="#">CSCuw38090</a> | No flow records sent when collect app http host/url and ssl added to FNF                   |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvb53006</a> | Router charshes while configuring flow-monitor  |
| <a href="#">CSCvb46106</a> | Router crash when removing EzPM configs   |
| <a href="#">CSCut57456</a> | copy run http command crash   |
| <a href="#">CSCvd88324</a> | Ability to select the TLS 1.2 / SHA2 ciphers via CLI (ip http secure-ciphercuite)                 |
| <a href="#">CSCve28728</a> | boot config flash0:init-conf nvbypass CLI failed: File system flash0: is unavailable              |
| <a href="#">CSCuw40391</a> | IPS: Crash@ips_dp_delete_half_open_session Part II  |
| <a href="#">CSCve40916</a> | Double free @ CWS tower polling results in crash  |
| <a href="#">CSCuo59297</a> | IOS WAAS crash in DRE on ISR  |
| <a href="#">CSCvd99086</a> | ISR4K DMVPN iBGP BFD sessions are not coming up with NBAR enabled                                 |
| <a href="#">CSCvb75072</a> | Re-Commit the Fix of CSCuj99156 which was removed via CSCux53443                                  |
| <a href="#">CSCvc66912</a> | CUBE Ent crashes when Diversion header received with no user portion and 'history-info' enabled   |
| <a href="#">CSCuz73680</a> | CUBE fails to routecalls with overlap interface IP+dialpeer IP multiVRF                           |
| <a href="#">CSCvc42383</a> | One-way recoring issue with media forking.  |
| <a href="#">CSCvd30171</a> | SIP Profile does incorrect modification - the variable name is added in signalling                |
| <a href="#">CSCve20522</a> | "show crypto map" displays incorrect wildcard mask for crypto access-list                         |
| <a href="#">CSCvc65961</a> | IKEv2: pkts doubled in interim accounting update post ipsec rekey                                 |
| <a href="#">CSCve10917</a> | IPSec crash on ASR1k router while processing KMI  |
| <a href="#">CSCvd99474</a> | IPsec: For sVTI after rekey old SAs are not getting deleted                                       |
| <a href="#">CSCvd40880</a> | Modifying crypto ACL leads to a removal of crypto map config                                      |
| <a href="#">CSCvc75262</a> | GETVPN GM in "Not initialised" state after ISSU runversion  |
| <a href="#">CSCvc93605</a> | lifetime mismatch after outage of primary key server  |
| <a href="#">CSCvc78694</a> | Ikev2 SA INIT queue CLI : Fix default behaviour   |
| <a href="#">CSCvc99738</a> | IKEv2 tunnel fails to come up b/w Cisco routers post upgrading one router to 15.5(3)S5, 15.5(3)M5 |
| <a href="#">CSCvd69373</a> | IKEv2: Unable to initiate IKE session to a specific peer due to 'in-neg' SA Leak                  |
| <a href="#">CSCvd10126</a> | Call Admission Control active ISAKMP SA leak when ISAKMP SA deleted immediately after MM6         |
| <a href="#">CSCvc79296</a> | Redundancy inter-device is not working with "security ipsec"                                      |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvb94392</a> | Cisco IOS and IOS XE System Software SNMP Subsystem Denial of Service Vulnerability       |
| <a href="#">CSCvd47757</a> | csr1000v is not able to poll CISCO-IPSEC-FLOW-MONITOR-MIB                                 |
| <a href="#">CSCux16625</a> | IPSec FlowMib doesn't work fully with OSPFv3 ipsec SAs                                    |
| <a href="#">CSCvb25357</a> | NHRP registration requests failed after ipv6 tunnel source change                         |
| <a href="#">CSCvb14640</a> | "ipAddressEntry" polling can cause crash  |
| <a href="#">CSCuz74957</a> | Router crashed due to stack corruption from buffer overflow                               |
| <a href="#">CSCvd03354</a> | ISIS removing all connected ipv6 prefixes when removing 1 ipv6 scope                      |
| <a href="#">CSCvd21785</a> | ISIS RIB and Global RIB out of sync resulting in complete traffic loss                    |
| <a href="#">CSCvc51408</a> | ISIS route oscillation due to ldp sync and interface max metric                           |
| <a href="#">CSCvc23430</a> | Router crashes upon clearing isis process   |
| <a href="#">CSCvb56769</a> | %SYS-2-INTSCHED: 'sleep for' at level 3 -Process= "ISDN"                                  |
| <a href="#">CSCvc01398</a> | 4 byte garbage in packets bridged from VDSL   |
| <a href="#">CSCvc20347</a> | MTU issue - ping drop with larger MTU on peer   |
| <a href="#">CSCvd78430</a> | "analysis-module monitoring" command missing for EHWIC UCS-E- variants.                   |
| <a href="#">CSCvd07943</a> | C2911: trunk allowed vlan on the port connted to switch module can't up after power cycle |
| <a href="#">CSCvb45876</a> | Connectivity issues on shutting down sub-interfaces with dot1q                            |
| <a href="#">CSCvd24508</a> | Packet loss on directly connected neighbor when Q-in-Q is configured                      |
| <a href="#">CSCvc93034</a> | EHWIC-4ESG leaked MAC Address table entries   |
| <a href="#">CSCve60507</a> | Crash in "mac auth bypass" SNMP code  |
| <a href="#">CSCve60376</a> | Crash in ADSL DMT SNMP code   |
| <a href="#">CSCve60276</a> | Crash in ADSL SNMP code   |
| <a href="#">CSCuv30976</a> | ISR3945 GigE ports disappear under SM-ES3G-16-P card while doing OIR                      |
| <a href="#">CSCuu73953</a> | tftp-server command is Mandatory for SM-X-1T3/E3 on ISR-G2 Platforms                      |
| <a href="#">CSCvb51044</a> | Ping to GLBP VIP does not work after reloading the router.                                |
| <a href="#">CSCve30307</a> | POE on SM-ES2-24-P with 2911 router dropped after IOS upgrade.                            |
| <a href="#">CSCuz42299</a> | Crash when configuring CWS  |
| <a href="#">CSCvb71086</a> | CWS + NVI NAT not working for web traffic   |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCUw65792</a> | CWS not associating CN with nested groups when "," (comma) is used                            |
| <a href="#">CSCvb65024</a> | LDAP authentication reuses old TCP connection   |
| <a href="#">CSCvc96456</a> | LISP: Discovered dynamic-eid is deleted after one missed eid-notify                           |
| <a href="#">CSCvc09919</a> | UCI-4k: Lisp Assert @ lisp_os_rib_watch_start with vrf delete and traffic loss with re-config |
| <a href="#">CSCvd84851</a> | Unable to apply Service-Policy with NBAR Protocol Pack 28.0.0                                 |
| <a href="#">CSCvc71220</a> | Fix the quotes issue in SA build infra  |
| <a href="#">CSCvd72530</a> | ASR1k configured as PxTR crashes when booted with 16.5.1 image at LISP fwd background process |
| <a href="#">CSCvd47567</a> | Unexpected reboot with NAT and Multicast configured   |
| <a href="#">CSCvd03170</a> | MRCpv2 response fails with NULL string in middle of packet                                    |
| <a href="#">CSCux27009</a> | Crash during unconfig nat translation which using pool type rotary                            |
| <a href="#">CSCuv03661</a> | Intf placed in Admin Down after a reboot if no IP address is assigned                         |
| <a href="#">CSCva36329</a> | PAT entry using the same port which is configured for static NAT                              |
| <a href="#">CSCuy45433</a> | PPTP translations are stuck in NAT table after timeout  |
| <a href="#">CSCve19361</a> | 681985688 - CPP ucode crashes at ESP20 / 16.03.02   |
| <a href="#">CSCvd01488</a> | Running command "show policy-map interface" or "show tech nbar" can cause crash               |
| <a href="#">CSCvc37983</a> | 4431 crashes with IWAN configuration showing CENT-BR-0 mallocs                                |
| <a href="#">CSCve05033</a> | CLI to disable PFR branch to branch PFR optimizations   |
| <a href="#">CSCvd41270</a> | Crash on IWAN Hub when TC is uncontrolled and current channel is present                      |
| <a href="#">CSCvd39499</a> | iWAN Border Router not connecting with Hub Transit MC   |
| <a href="#">CSCvd36813</a> | Memory Leak due to cent_rt_eigrp_nh_convert   |
| <a href="#">CSCvb66590</a> | PfR exports not sent to new Collector IP, when collector is modified on the fly               |
| <a href="#">CSCvd29705</a> | PfR Monitoring do not display VRF101 data and reports FVRF incorrectly                        |
| <a href="#">CSCvb52132</a> | PfRv3 Should Monitor Internet Channel Reachability  |
| <a href="#">CSCvd78519</a> | PfRv3: Crash While Updating/Deleting Parent-Route Reference                                   |
| <a href="#">CSCve43611</a> | PfRv3: Multiple TCAs Logged Simultaneously May Lead to Crash                                  |
| <a href="#">CSCvd78769</a> | PfRv3: Site-Prefix Publishing May Fail In Certain Scenarios                                   |
| <a href="#">CSCvd29302</a> | Status up / down needs to be clarified in route-import output                                 |



| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCuv87206</a> | The clock-rate matrix should be zeroized to dynamic payload types                                 |
| <a href="#">CSCvd60596</a> | Mandatory lookup yields a path in another cloud   |
| <a href="#">CSCve45486</a> | NHRP registration request non-compulsory experimental extension gets dropped                      |
| <a href="#">CSCvd08132</a> | Routers running IOS-XE may crash with Process = NHRP  |
| <a href="#">CSCvb64727</a> | "no ntp allow mode control" does not seem to be working   |
| <a href="#">CSCux80450</a> | %REGISTRY-3-STUB_CHK_OVERWRITE: error seen during boot up   |
| <a href="#">CSCuu75888</a> | AN: Traceback while removing tunnels after "no autonomic" with NTP                                |
| <a href="#">CSCuy20654</a> | ASR1k reply to NTP broadcast  |
| <a href="#">CSCuz66396</a> | ASR1K: NTP: ntpq not able to retrieve delay/offset/jitter from router                             |
| <a href="#">CSCva35619</a> | Cisco IOS Software Crafted NTP Packets Denial of Service Vulnerability                            |
| <a href="#">CSCuv87976</a> | CLI Knob for handling Leap second Add/delete ignore/ handle                                       |
| <a href="#">CSCva38391</a> | CVE-2016-1550: NTP security against buffer comparison timing attacks                              |
| <a href="#">CSCuz92785</a> | Evaluation of all for NTP June 2016   |
| <a href="#">CSCvc23569</a> | Evaluation of all for NTP November 2016   |
| <a href="#">CSCux99025</a> | Evaluation of Cisco IOS and IOS-XE1 for NTP January 2016  |
| <a href="#">CSCvb58392</a> | Evaluation of NTP Trap Vulnerabilities  |
| <a href="#">CSCvb46984</a> | Leap second is being set in spite of leap ignore being configured                                 |
| <a href="#">CSCvc65670</a> | NTP leap second addition/deletion for consecutive leap months not working properly                |
| <a href="#">CSCvb19326</a> | NTP leap second failure to insert after leap second occurs  |
| <a href="#">CSCuz24233</a> | NTP process is getting stopped & not able to create server relationship                           |
| <a href="#">CSCvb48912</a> | SNMP crashes getting ntpAssociationEntry with low/fragmented memory condition                     |
| <a href="#">CSCuz94245</a> | IGP-LDP sync interoperability for OSPF multi area adj   |
| <a href="#">CSCvd27968</a> | OSPF allocates extra size when sending HELLO's with cryptographic authentication enabled.         |
| <a href="#">CSCva86165</a> | OSPF distance command does not work for newly added entries in ACL                                |
| <a href="#">CSCve05936</a> | OSPF FRR: repair path programming in FRR is wrong when we unconfigure L2 medium p2p from the i/f. |
| <a href="#">CSCve14426</a> | OSPF IPFRR: cost of Ext2 external route repair path is wrong when node protection is enabled      |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCve00964</a> | OSPF retransmit behaviour issues   |
| <a href="#">CSCva74756</a> | OSPF Rogue LSA with maximum sequence number vulnerability  |
| <a href="#">CSCuv69650</a> | OSPF Virtual-link using the lowest cost path   |
| <a href="#">CSCve14080</a> | Error message "LID: Handle 0x0 is invalid" filling console logs                                    |
| <a href="#">CSCvb66420</a> | PFR Sync Issues between MC and Border router ,active probes are missing on border router randomly  |
| <a href="#">CSCvc33707</a> | crash after multiple renew   |
| <a href="#">CSCvd38619</a> | EST client pki authentication request goes out to default URL always                               |
| <a href="#">CSCve29882</a> | EST client pki simpleenroll request goes out to default URL always                                 |
| <a href="#">CSCvc71330</a> | IOS CA Server unable to read CRL file accessed over ftp/tftp after CRL file reaches a certain size |
| <a href="#">CSCvc23928</a> | IOS PKI: Traceback in PKI component during TCL script validation                                   |
| <a href="#">CSCvc98201</a> | PKI Certificate Importing Fails with Trailing Whitespace in PEM Body                               |
| <a href="#">CSCvd69749</a> | PKI Server: "Rollover RA Certificate" Becomes "Rollover ID Certificate" After Reload of Router     |
| <a href="#">CSCvd67772</a> | PKI unable to enable PKI debugs immediately after system boot                                      |
| <a href="#">CSCux29902</a> | Sessions come up using rsa-sig certificates when ecdsa auth is used                                |
| <a href="#">CSCve10619</a> | Crash while deleting an ip sla scheduler group attached to a live probe                            |
| <a href="#">CSCuy62751</a> | SADT throws Warnings more than one time for more iterations  |
| <a href="#">CSCve05026</a> | Fatal Alignment Error Crash Due to Corrupted PC with SMEF  |
| <a href="#">CSCvc24067</a> | Middle Buffer I/O Leak On Dialer/Virtual-Access Interface from SNMP Polls                          |
| <a href="#">CSCuy08656</a> | SNMP Traps leading a leak in CHUNK functions   |
| <a href="#">CSCvb96925</a> | IOS memory leak when using webvpn  |
| <a href="#">CSCvc77784</a> | Radius Accounting information failure in attribute: Acct-Input-Octets and Acct-Input-Packets       |
| <a href="#">CSCve40112</a> | C3925E 15.5(3)M5a - ipv6 tcp adjust-mss not working, MSS is always 1440                            |
| <a href="#">CSCvc60745</a> | tcp_getbuffer memory leak - refcount not reduced when packet dropped                               |
| <a href="#">CSCve66658</a> | Crash in TN3270E-RT-MIB code   |
| <a href="#">CSCva08142</a> | IOSd crash on LISP enable router   |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCue25168</a> | TPM reserves UDP/4500 for no apparent reason  |
| <a href="#">CSCvc56866</a> | ISR4xxx router crashed due to voice IVR script - AFW_application_process              |
| <a href="#">CSCvd17146</a> | Add plc configuration CLI for tdm voice and dspfarm                                   |
| <a href="#">CSCvd22910</a> | Hung Transcoder sessions in complex call flows  |
| <a href="#">CSCvd71879</a> | ISR 4451-X crashed with "Segmentation fault(11), Process = DSMP"                      |
| <a href="#">CSCvd03571</a> | MGCP Gateway sends RTCP packet after T.38 switchover                                  |
| <a href="#">CSCve21448</a> | multiple ISR4K VGW's crashed with Segmentation fault(11), Process = DSMP              |
| <a href="#">CSCve05179</a> | removed DC from NIM-FXO card and SM-X-FXS/FXO   |
| <a href="#">CSCut98625</a> | ASSERTION FAILED : ..vtsp.c: vtsp_cdb_assert: then crash                              |
| <a href="#">CSCvd72693</a> | Hairpin call to PSTN fails  |
| <a href="#">CSCvd16863</a> | 2951 crash due to Null Pointer Dereference  |
| <a href="#">CSCvb97638</a> | CCSIP_SPI_CONTROL memory usage leads to crash - SIP subscribe messages                |
| <a href="#">CSCvc99971</a> | Cisco Router 2921 sending cisco-rtp payload 121 for RFC2833 (rtp-nte) instead of 101. |
| <a href="#">CSCvc80620</a> | CUBE-161: S3: 639020025: Multiple SIP/SDP Spurious Crashes//2951//15.5(1)T3           |
| <a href="#">CSCvc47166</a> | One-way audio on held-resumed calls after 20 mins                                     |
| <a href="#">CSCvd98991</a> | Path header not included in 2nd REGISTER with authorization                           |
| <a href="#">CSCvb71261</a> | MGCP ISR4K does not advertises V150 Capabilities for T1 CAS trunks.                   |
| <a href="#">CSCvd15073</a> | GW may crash at mc_waitq_unlink   |
| <a href="#">CSCvc86595</a> | HTTP 304 response causes mc error and bad magic                                       |
| <a href="#">CSCvd20533</a> | MRCP - DTMF issue   |
| <a href="#">CSCue04085</a> | VXML gateway crash playing mixture of g711 & g729 prompts                             |
| <a href="#">CSCuy63974</a> | VXML gateway randomly tear down TCP/HTTP link between CVP                             |
| <a href="#">CSCvc70614</a> | VXML GW IVR memory - active queue hold memory when clean http cache                   |
| <a href="#">CSCvc64275</a> | VXML GW IVR memory get negative number if memory usage exceed configured value        |
| <a href="#">CSCva96611</a> | IOS crash after upgrading EHWIC-4G-LTE-A ( MC7700 )                                   |
| <a href="#">CSCvd67675</a> | Router crash with %SYS-6-STACKLOW in ehwic cellular process                           |

## Resolved Bugs—Cisco IOS Release 15.5(3)M5

Table 10: Resolved Bugs—Cisco IOS Release 15.5(3)M5

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCUw19830</a> | Ethernet MPID Ping fails in CFM over EFPs for ACs with SSFP Optics                             |
| <a href="#">CSCvb92697</a> | High CPU due to NHRP when NHRP cache entry for remote spoke's tunnel address is deleted        |
| <a href="#">CSCvb00288</a> | CME No ringback after blind transfer   |
| <a href="#">CSCvb22048</a> | 7821 CME 11 with FR locale display overlapped text and unwanted chars                          |
| <a href="#">CSCvb14350</a> | 7861 - Adding speed-dial on button 16 causes loss of blf-speed-dial keys                       |
| <a href="#">CSCut64219</a> | Crash in IOS internals. ISM module on ISR G2   |
| <a href="#">CSCUw58631</a> | Crypto fragmented traffic may cause an ISM-VPN failure   |
| <a href="#">CSCUw89513</a> | GIKEv2 - while matching address in GMAACL deny, Multicast ping fails                           |
| <a href="#">CSCux04108</a> | ISM drops fragmented traffic if virtual-reassembly configured (2)                              |
| <a href="#">CSCuv32874</a> | ISM EZVPN client/server traffic fails when using VRF, NAT                                      |
| <a href="#">CSCuz16978</a> | ISM: Fragmented ESP packet not reassembled with ip virtual-reassembly                          |
| <a href="#">CSCUw86250</a> | ISM: Fragmented ESP packet reassembled+decrypted but not forwarded                             |
| <a href="#">CSCvb51764</a> | ESP-NUL with ikev2 doesn't pass traffic on 881 with crypto engine accelerator on               |
| <a href="#">CSCuu76687</a> | QoS classification issue with L2TPv2   |
| <a href="#">CSCvc61913</a> | Random IP addresses are seen in running-configuration when set "ip host additional"            |
| <a href="#">CSCvc47681</a> | Increase Number of Supported DSP Conference Profiles   |
| <a href="#">CSCvc16650</a> | IOS secure conferencing leads to SRTP bandwidth and tunnels usage to exceed the license limits |
| <a href="#">CSCva39516</a> | EIGRP /30 Serial Point-to-Point Subnet Not deleted after link down                             |
| <a href="#">CSCux41072</a> | EIGRP sending hello messages with interface in passive mode.                                   |
| <a href="#">CSCuz81900</a> | FlexVPN IPs stale in one EIGRP Topology table when redistributed on HUB                        |
| <a href="#">CSCva35763</a> | Incorrect subinterface enabled for EIGRP in vrf aware OTP                                      |
| <a href="#">CSCvb51806</a> | Router crash when removing EIGRP   |
| <a href="#">CSCvb17493</a> | 897: CFM syslog messages not displayed   |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCuz96173</a> | CFM RDI bit not clearly automatically after node reload                            |
| <a href="#">CSCvc05013</a> | E_CFM-6-REMOTE_MEP_UP syslogs are not displayed when remote MEP is changing state  |
| <a href="#">CSCuz50434</a> | ISSU:XE314<->XE316: IOSd Core@cfm_ha_issu_db_to_msg_pre_mpd_b_transport            |
| <a href="#">CSCuz80158</a> | ISSU:XE316->XE314:IOSd Core@ecfm_get_evc_count during unconfig                     |
| <a href="#">CSCuz80524</a> | RP_0_linux_iosd-imag crash in ASR920   |
| <a href="#">CSCuu97037</a> | RSP2_System_THS:traceback observed after standby RP upgrade in ISSU                |
| <a href="#">CSCva27557</a> | ASR1k: IPv6 address with VRRS does not transfer traffic properly.                  |
| <a href="#">CSCux70821</a> | HSRP crashed after changed serial int FR encap from IETF to HDLC                   |
| <a href="#">CSCva91655</a> | FIB recursive loop crash   |
| <a href="#">CSCut70749</a> | %SYS-2-NOBLOCK: may_suspend with blocking disabled. -Process= "IP Input"           |
| <a href="#">CSCux00363</a> | Router crash when freeing FW SID   |
| <a href="#">CSCuy87957</a> | ZBFW crash when inspecting protocol h323-annexe                                    |
| <a href="#">CSCva50683</a> | "CWS Telemetry Process" Crash on Whitelist Upgrade With CSCup94022 Fix             |
| <a href="#">CSCuz27357</a> | Memory leak in the small buffers, CCE dp subblock and *Packet Header*              |
| <a href="#">CSCuy91409</a> | ISR897VA // NBAR PP 16 changes Matched Protocols on ZBPF Class-Maps                |
| <a href="#">CSCvb71803</a> | Unable to Delete System Defined Port Maps  |
| <a href="#">CSCuz21015</a> | ZBF allows return traffic for egress action of pass with one zone-pair             |
| <a href="#">CSCvb50917</a> | ingress ping results in packet loss if not using a large size packet               |
| <a href="#">CSCuz30040</a> | Error on configuring "no snmp trap link-status" under Virtual-template             |
| <a href="#">CSCva55916</a> | CUBE crash in resolve_sig_ip_address_to_bind NULL ccb                              |
| <a href="#">CSCva70943</a> | CUBE DTMF p-type does not adhere to the signaling                                  |
| <a href="#">CSCuv47984</a> | CUBE fails to send INVITE to the session target                                    |
| <a href="#">CSCvc24020</a> | Media forking causes the interface to physically hang                              |
| <a href="#">CSCuy33804</a> | Traceback seen @resolve_sig_ip_address_to_bind during SRTP calls                   |
| <a href="#">CSCvc24626</a> | Build failure for v155_3_m_throttle due to CSCuw82187                              |
| <a href="#">CSCva17858</a> | Duplicate SA causes tunnel interface down  |
| <a href="#">CSCvb70426</a> | GETVPN: crash due to unexpected exception to CPU during Reg/Rekey policies from KS |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCva05558</a> | IKEv2 IPv6 GRE IPsec fails to stabilize on asr1k on 16.3  |
| <a href="#">CSCuw82187</a> | IPsec MIB: Global IPsec Traffic counters are reported incorrectly                                   |
| <a href="#">CSCva75125</a> | L2TP/IPSEC from non-patted environment fails with set nat demux                                     |
| <a href="#">CSCvb24236</a> | FlexVPN: remote auth method isn't accepted in ikev2 profile   |
| <a href="#">CSCvb21220</a> | G-IKEv2: GM fails to process rekey after coop failover to new primary KS                            |
| <a href="#">CSCvb22177</a> | GETVPN: GM reuses old ip address for re-registration and fails                                      |
| <a href="#">CSCvb81914</a> | GETVPN: Post 15.2 GMs re-register after merge in certain conditions                                 |
| <a href="#">CSCvc11968</a> | "clear crypto ikev2 stats" clears active SA and negotiating SA counter in "show crypto ikev2 stats" |
| <a href="#">CSCvb93733</a> | "show crypto ikev2 stats" shows stale active SA count   |
| <a href="#">CSCvb19485</a> | IKEv2 - 2nd rekey fails if either or both peers do not support IETF frag                            |
| <a href="#">CSCvb94852</a> | IKEV2 Default Proposal Reset After Reload   |
| <a href="#">CSCva61415</a> | Unable to initiate IKE sessions due to mismatch in CAC counters                                     |
| <a href="#">CSCva44179</a> | IKEv1 DPD delete logic causes stale phase 2   |
| <a href="#">CSCuz15131</a> | dqueue not empty prior to destruction crashes ipv4fib_les_switch_wrapper                            |
| <a href="#">CSCvb89154</a> | Fragment packets are dropped in LISP + NAT + GETVPN network   |
| <a href="#">CSCvb53347</a> | C841M PPP LED turns off even if one PPP up session exists   |
| <a href="#">CSCvb39648</a> | Fa0 port shows at C899G platform  |
| <a href="#">CSCva79876</a> | "Show controller VDSL 0" output is hanged with VDSL2-LINE-MIB                                       |
| <a href="#">CSCvc10163</a> | ENH: Unable to Disable LLDP on L3 interface in 881C router  |
| <a href="#">CSCvb36107</a> | C897: Unresponsive to SNMP queries  |
| <a href="#">CSCvb72697</a> | "show inventory" is not showing the SFPs  |
| <a href="#">CSCur71700</a> | Fine tuning of Tx interrupt coalescing in c3900 when tx-ring 4                                      |
| <a href="#">CSCvc24284</a> | Output queue wedge due to Media forking   |
| <a href="#">CSCva97725</a> | rj45-auto-detect-polarity enable/disable behavior and shut/noshut timing                            |
| <a href="#">CSCva46723</a> | Small buffers leak with PPP   |
| <a href="#">CSCvb08828</a> | "no ip routing" + "ip default-gateway" config issue on C888-K9 device                               |
| <a href="#">CSCuw75352</a> | ASR1k-lisp:Standby RP complains when eid-table removed from Active RP                               |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvb81094</a> | lisp cli nvgen for default table instance id                                    |
| <a href="#">CSCvb85039</a> | LISP DDT: crash on removal of 'ddt' configuration                               |
| <a href="#">CSCva99178</a> | LISP DDT: NMR for site EID prefix is returned for non-registered EIDs           |
| <a href="#">CSCva93200</a> | LISP: assert with DDT and multiple EID instances configured                     |
| <a href="#">CSCva18067</a> | CPU HOG and Crash by MFIB_rate  |
| <a href="#">CSCuz28618</a> | sup2t: sup crashed after MFIB errors  |
| <a href="#">CSCva43443</a> | DNA/SA, Upon Quad SUP SSO, Mcast decap traffic black holing for ~50 sec         |
| <a href="#">CSCva59927</a> | UCI, On QuadS6T Second SSO, PIM joins are not encapsulating over VRF LISP       |
| <a href="#">CSCvb42533</a> | EIGRP redistribute Mobile routes failing  |
| <a href="#">CSCvc03552</a> | ISR4K routing using PMIPv6 enabled PBR over BGP                                 |
| <a href="#">CSCvb60498</a> | Need to support SSMO Label format as per 3GPP TS 23.003/RFC 5149bis             |
| <a href="#">CSCva52398</a> | PMIP reverse-tunnel route disappears  |
| <a href="#">CSCvb91885</a> | Custom App TC marked with two DSCP values                                       |
| <a href="#">CSCvb51688</a> | stile_dns_parser may cause sporadic crashes                                     |
| <a href="#">CSCux96341</a> | 3945 crash on flapping tunnels with traffic                                     |
| <a href="#">CSCup19724</a> | CENT: branch MC crashed at cent_pdp_msg_send_from_pickexit                      |
| <a href="#">CSCvb79930</a> | collector cfg missing after border shutdown/no shutdown                         |
| <a href="#">CSCvc34452</a> | Fatal Alignment Error Crash with Smart Probe Processing                         |
| <a href="#">CSCvb18256</a> | PfRv3 Channels Not Deleted Once TC is Removed                                   |
| <a href="#">CSCvb54290</a> | PfRv3 Password is overwritten by the global password, "password encryption aes" |
| <a href="#">CSCvb55519</a> | PfRv3: Internet TC Not Created Due to Site-ID Timing Out                        |
| <a href="#">CSCuq92458</a> | PfRv3: No Traffic-Classes Learned on Branch after Enabling Zero-SLA             |
| <a href="#">CSCvb70355</a> | Traffic does not move from stdby to active when it become available.            |
| <a href="#">CSCva70115</a> | ISR4331 crash due to NHRP running 03.16.03.S                                    |
| <a href="#">CSCva97469</a> | VA stuck in protocol down state after failing to establish IPsec session        |
| <a href="#">CSCvb17379</a> | PFRv3 border will learn master prefix When the package is fragments.            |
| <a href="#">CSCvb84388</a> | Auth and CRL download fails with "There is another request in progress"         |
| <a href="#">CSCvb96706</a> | Client auth and enroll to subca fails   |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCuz22162</a> | Digital certificates does not sync to standby   |
| <a href="#">CSCvb92455</a> | if cert has reachable and unreach CDP , crl download fails from 2nd time                          |
| <a href="#">CSCvb73018</a> | PKI: Cannot import RSA SubCA signed by ECDSA  |
| <a href="#">CSCvc01292</a> | SSL can't be established while shadow certificate by auto-rollover on IOS Local CA server exists. |
| <a href="#">CSCvb16323</a> | Prefixes missing under channels for spoke   |
| <a href="#">CSCux03601</a> | Esrst 2nd CFW doesn't ring all phones with the same shared line                                   |
| <a href="#">CSCvb78593</a> | CFM PM Sessions do not start as scheduled   |
| <a href="#">CSCvb60417</a> | Router actin as HPR/SNA node crash every 2 hours  |
| <a href="#">CSCvb61031</a> | Dial-peer stats poll cause SNMP high CPU if 500+ dial-peers configured                            |
| <a href="#">CSCva77149</a> | Router crash when polling NOTIFICATION-LOG-MIB  |
| <a href="#">CSCux45833</a> | Invalid usernames are logged for SSH failed login attempts  |
| <a href="#">CSCvb84451</a> | Router may crash during SCP copy over WSMA  |
| <a href="#">CSCuz65461</a> | ssh server accept unconfigured authentication method  |
| <a href="#">CSCva46459</a> | SSH session hangs if its not closed properly  |
| <a href="#">CSCux86075</a> | Unexpected crash during SSH operation   |
| <a href="#">CSCux42885</a> | 3945E crash at sslvpn_aaa_unique_id_alloc   |
| <a href="#">CSCum64244</a> | CSR Mobile client's Radius auth failure triggers crash  |
| <a href="#">CSCux28617</a> | IOS crash after AnyConnect SSL VPN tunnel creation  |
| <a href="#">CSCvb03342</a> | IOS SSL VPN stuck reverse route blackholing IKEv2 connections                                     |
| <a href="#">CSCva34598</a> | Down change delay expired of track, without counting delay down time                              |
| <a href="#">CSCsq06282</a> | Need ability to specify source address for HTTP messages from VXML GW                             |
| <a href="#">CSCvb27784</a> | Router crashes when running the csim start command  |
| <a href="#">CSCul74141</a> | H245 Tunneling is FALSE even when enabled   |
| <a href="#">CSCvc49737</a> | Transcoders in ISR4451 can't open the media port  |
| <a href="#">CSCva54693</a> | voip_rtp_allocate_port:Possible port leak? , when call goes on hold                               |
| <a href="#">CSCvb58179</a> | add new cas-custom CLI clear-bwd-in-seize for E1-R2   |
| <a href="#">CSCux44315</a> | Per Call Debugging system restart by address error  |



| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCvb24266</a> | ISR 4K Crashes When Running "Debug Voice Translation"  |
| <a href="#">CSCva41070</a> | Sip profile does not copy the second variable in INVITE message                                    |
| <a href="#">CSCvc19209</a> | SIP session between VXML GW and the Nuance server remains active after callback (CCB) is scheduled |
| <a href="#">CSCvb90483</a> | VXML GW hardening changes for ICBC memory corruption issue   |
| <a href="#">CSCvb16274</a> | PPTP Start-Control-Connection-Reply packet leaks router memory contents                            |
| <a href="#">CSCvb61277</a> | Add recovery mechanism in Linux_app to auto recover  |

## Open Bugs—Cisco IOS Release 15.5(3)M5

Table 11: Open Bugs—Cisco IOS Release 15.5(3)M5

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCvc26759</a> | ASR1k: ISG sends in Accounting-Response Message-Authenticator[80]                        |
| <a href="#">CSCtq80074</a> | Crah seen @ trigger_auth_command   |
| <a href="#">CSCvc42499</a> | Function radius_message_authenticator_decode   |
| <a href="#">CSCut51090</a> | The creation of line 40 seems to be pretty senseless.                                    |
| <a href="#">CSCee00894</a> | Non-Cisco client remaining in association table after they left BSS                      |
| <a href="#">CSCvb01725</a> | LEAPSEC: BC in holdover is not sending the last learnt utcOffset                         |
| <a href="#">CSCuy50465</a> | Logging persistent may lead to IOS image corruption on the flash                         |
| <a href="#">CSCtr19078</a> | IO Memory leak in cisco3270  |
| <a href="#">CSCty26398</a> | ACE entry with *established* KW in ACL drops TCP packets - SSH.                          |
| <a href="#">CSCut87808</a> | Crash While Accessing CallManager XML Config   |
| <a href="#">CSCvc09672</a> | Spurious memory access made in the CME code  |
| <a href="#">CSCvc48288</a> | Router crash seen when IP FLOW MONITOR XXX was removed and applied back on the interface |
| <a href="#">CSCvc62470</a> | AQOS suggest incorrect rate as Rx_Bytes counter sent is 0                                |
| <a href="#">CSCvc33632</a> | ISM-VPN enabled: BGP neighbor not coming up  |
| <a href="#">CSCvc61636</a> | ISRG2 crashes due to Align-fatal when using ISM-VPN module.                              |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCvc46500</a> | OSPFv3 AUTH w/IPSEC adj change and invalid SPI msg with ISM VPN hardware crypto                    |
| <a href="#">CSCUw77959</a> | 1801M - %DATACORRUPTION-1-DATAINCONSISTENCY: copy error  |
| <a href="#">CSCUv86130</a> | DHCPv6 Traceback message configured IPv6 DHCP client   |
| <a href="#">CSCvb72052</a> | Crash: STACKLOW crash while configuring mDNS   |
| <a href="#">CSCuz29721</a> | Memory leak under HTTP EPM Redirect Daemon   |
| <a href="#">CSCvb99325</a> | Virtual-Access interfaces are saving to the EIGRP running-config                                   |
| <a href="#">CSCUw43115</a> | CSR1Kv XE 3.13.3S Crashed on clearing ip ospf process  |
| <a href="#">CSCUw38090</a> | No flow records sent when collect app http host/url and ssl added to FNF                           |
| <a href="#">CSCUy33991</a> | Router crash after tunnel interface goes up and BGP adjacency is set up                            |
| <a href="#">CSCva03535</a> | HTTP closing newly opened connections due to duplicate FD  |
| <a href="#">CSCUv36677</a> | IOS allows RC4-MD5 and RC4-SHA1 SSL ciphers to be negotiated by default                            |
| <a href="#">CSCva72881</a> | crash due to Auth-proxy HTTP daemon process failing  |
| <a href="#">CSCur04161</a> | CWS: Lazarus: 60 seconds latency seen after xml download for Excpt Mgmt                            |
| <a href="#">CSCvc61899</a> | static route is not getting redistributed into RIP database  |
| <a href="#">CSCtz84873</a> | Crash due to stack overflow: CCSIP_SPI_CONTROL running low, 0/60000                                |
| <a href="#">CSCUw65318</a> | Cube is not passing REFER on second transfer attempt   |
| <a href="#">CSCva69488</a> | Memory increase on CUBE with Media Forking Process   |
| <a href="#">CSCvc42383</a> | One-way recoring issue with media forking.   |
| <a href="#">CSCvb43696</a> | sdp pthru: CUBE not retain old port if transection fail with 488.                                  |
| <a href="#">CSCvb08960</a> | ezvpn client config dissapears from dialer int when pppoe session flaps                            |
| <a href="#">CSCUv90519</a> | Map doesn't get updated with socket change on local address change                                 |
| <a href="#">CSCvc34802</a> | Memory Leak due to SADB Peering Ch after CSCum32910  |
| <a href="#">CSCvc09368</a> | Crash at update of context nhrp  |
| <a href="#">CSCUw56669</a> | DMVPN Phase3 OSPF Broadcast: NHO addition fails - insufficient resources                           |
| <a href="#">CSCuz77054</a> | "sh crypto gdoi gm data counter" randomnly increases after REKEY                                   |
| <a href="#">CSCvc23390</a> | Sig hash algorithm not detected correctly when SHA 256 is used                                     |
| <a href="#">CSCvb51336</a> | IKEv2 - Signature sign, verify failures seen with 4096 bit certificates with onboard crypto engine |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCuz27769</a> | gateway sends connected name in iso even when ecma is configured              |
| <a href="#">CSCvc23430</a> | Router crashes upon clearing isis process                                     |
| <a href="#">CSCvb85634</a> | 891FJ ping loss after continue to ping above 20 hours                         |
| <a href="#">CSCvc39563</a> | ISR 8xx - High CPU Due to "Async write proc" During Hung Filesystem Operation |
| <a href="#">CSCva72288</a> | ISR1921/1941 Failing to cache all IP-SGT binding.                             |
| <a href="#">CSCvc20347</a> | MTU issue - ping drop with packet size 1519 to 1528 bytes                     |
| <a href="#">CSCuy01416</a> | EHWIC-1GE-SFP-CU on ISR2951: MAC addr is not learned with EVC/BD config       |
| <a href="#">CSCuu90215</a> | Energywise output displays wrong values                                       |
| <a href="#">CSCva42524</a> | %SMC-2-BAD_ID_HW: Failed Identification Test in 0/-/1 [7/0] in logs           |
| <a href="#">CSCuz69459</a> | HWIC-4T with hardware reversion have ping loss.                               |
| <a href="#">CSCva44461</a> | ISR: PCIe bus error crash   |
| <a href="#">CSCva20682</a> | VWIC3:Line protocol goes down with a config of Sha-512 & ping > MTU size      |
| <a href="#">CSCuv30976</a> | ISR3945 GigE ports disappear under SM-ES3G-16-P card while doing OIR          |
| <a href="#">CSCvb84068</a> | igmp ssm-map in VRF does not use the VRF name-server                          |
| <a href="#">CSCuz95908</a> | Memory leak due to path query with Null outgoing interface                    |
| <a href="#">CSCux27009</a> | Crash during unconfig nat translation which using pool type rotary            |
| <a href="#">CSCuv03661</a> | Intf placed in Admin Down after a reboot if no IP address is assigned         |
| <a href="#">CSCuu81597</a> | NAT inside interface is place in Admin Down after a reload                    |
| <a href="#">CSCtq48581</a> | Natted traffic is getting process switched after reload.                      |
| <a href="#">CSCuy45433</a> | PPTP translations are stuck in NAT table after timeout                        |
| <a href="#">CSCta93242</a> | Small chance of IOS crash on "show run" with static NAT configured            |
| <a href="#">CSCvc07026</a> | Crash for NHRP with evidence free memory blocks used as pointers in memory    |
| <a href="#">CSCvc23886</a> | DMVPN : High CPU because of NHRP process, only with route-watch enabled       |
| <a href="#">CSCuz66396</a> | ASR1K: NTP: ntpq not able to retrieve delay/offset/jitter from router         |
| <a href="#">CSCvc23569</a> | Evaluation of all for NTP November 2016                                       |
| <a href="#">CSCvb58392</a> | Evaluation of NTP Trap Vulnerabilities  |
| <a href="#">CSCvc23928</a> | IOS PKI: Traceback in PKI component during TCL script validation              |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvc55197</a> | MTU of the PPPoE Dialer interface resets to 1492 while doing any change in the MTU config           |
| <a href="#">CSCuz39286</a> | Revert back of CSCuy70502 due to breakage in t_base_6   |
| <a href="#">CSCti56560</a> | QoS Policy affecting the behavior of other Policies   |
| <a href="#">CSCts86510</a> | NIGHTLY Build FAILED for 15.0M on 2011-09-17  |
| <a href="#">CSCvb85692</a> | Evaluation of sce for CVE-2016-5195 (DIRTY CoW)   |
| <a href="#">CSCvc23570</a> | Evaluation of sce for NTP November 2016   |
| <a href="#">CSCux95215</a> | Evaluation of sce for NTP_January_2016  |
| <a href="#">CSCuy07466</a> | Evaluation of sce for OpenSSL January 2016  |
| <a href="#">CSCuy54627</a> | Evaluation of sce for OpenSSL March 2016  |
| <a href="#">CSCuz52530</a> | Evaluation of sce for OpenSSL May 2016  |
| <a href="#">CSCva93104</a> | Auto ip sla probes tags doesn't work  |
| <a href="#">CSCuy35425</a> | IOS memory leak in SSLVPN   |
| <a href="#">CSCsz11565</a> | SSLVPN ACL: Router crashes on issuing sh logging command  |
| <a href="#">CSCuv58654</a> | Webvpn on Dialer interface fails unless CEF is disabled   |
| <a href="#">CSCvc56129</a> | router crash due to check read_notify value incorrect after TCP TIME_WAIT stage                     |
| <a href="#">CSCvc60745</a> | tcp_getbuffer memory leak - refcount not reduced when packet dropped                                |
| <a href="#">CSCvc43540</a> | AS5400XM Devices only provide a partial list of DSPs via SNMP tool when CISCO-DSP-MGMT-MIB is used. |
| <a href="#">CSCvc62742</a> | [ICBC-CAP]: Preventive fix for crash in AFW DataList  |
| <a href="#">CSCue49628</a> | BACD Script crashes when live feed fails without moh on flash                                       |
| <a href="#">CSCvc19168</a> | Audio stream is lost from Gateway once it receives mid-call Re-invite CUCM                          |
| <a href="#">CSCvc47166</a> | One-way audio on held-resumed calls after 20 mins   |
| <a href="#">CSCva22819</a> | Processor pool leak due to CCSIP_SPI_CONTROL  |
| <a href="#">CSCuy63974</a> | VXML gateway randomly tear down TCP/HTTP link between CVP   |
| <a href="#">CSCvc62747</a> | VXML GW get MC_R_ERR and invalid mc error or cannot remove mc error                                 |
| <a href="#">CSCvc70614</a> | VXML GW IVR memory - active queue hold memory when clean http cache                                 |
| <a href="#">CSCvc64275</a> | VXML GW IVR memory get negative number if memory usage exceed configured value                      |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCvb54653</a> | Incoming SMS not showing syslog messages IOS 15.6(2)T                     |
| <a href="#">CSCvc54438</a> | Carrier is not seen under show cellular slot hardware in c819GW platform. |
| <a href="#">CSCva96611</a> | IOS crash after upgrading EHWIC-4G-LTE-A                                  |
| <a href="#">CSCvb16468</a> | IR829: RSSI mib-trap commands are not recognized or accepted              |

## Resolved Bugs—Cisco IOS Release 15.5(3)M4a

Table 12: Resolved Bugs—Cisco IOS Release 15.5(3)M4a

| Caveat ID Number           | Description                       |
|----------------------------|-----------------------------------|
| <a href="#">CSCvb51688</a> | Sporadic crashes while using NBAR |

## Open Bugs—Cisco IOS Release 15.5(3)M4

Table 13: Open Bugs—Cisco IOS Release 15.5(3)M4

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCtq80074</a> | Crash seen @ trigger_auth_command                                     |
| <a href="#">CSCut51090</a> | The creation of line 40 seems to be pretty senseless.                 |
| <a href="#">CSCee00894</a> | Non-Cisco client remaining in association table after they left BSS   |
| <a href="#">CSCuy50465</a> | Logging persistent may lead to IOS image corruption on the flash      |
| <a href="#">CSCtr19078</a> | IO Memory leak in cisco3270   |
| <a href="#">CSCty26398</a> | ACE entry with *established* KW in ACL drops TCP packets - SSH.       |
| <a href="#">CSCuy95038</a> | Router crashed due to skinny MOH                                      |
| <a href="#">CSCut64219</a> | Crash in IOS internals. ISM module on ISR G2                          |
| <a href="#">CSCuw58631</a> | Crypto fragmented traffic may cause an ISM-VPN failure                |
| <a href="#">CSCux04108</a> | ISM drops fragmented traffic if virtual-reassembly configured (2)     |
| <a href="#">CSCuv32874</a> | ISM EZVPN client/server traffic fails when using VRF, NAT             |
| <a href="#">CSCuz16978</a> | ISM: Fragmented ESP packet not reassembled with ip virtual-reassembly |
| <a href="#">CSCuw77959</a> | 1801M - %DATACORRUPTION-1-DATAINCONSISTENCY: copy error               |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCUv86130</a> | DHCPv6 Traceback message configured IPv6 DHCP client                     |
| <a href="#">CSCUz29721</a> | Memory leak under HTTP EPM Redirect Daemon                               |
| <a href="#">CSCVa39516</a> | EIGRP /30 Serial Point-to-Point Subnet Not deleted after link down       |
| <a href="#">CSCUx41072</a> | EIGRP sending hello messages with interface in passive mode.             |
| <a href="#">CSCVb17493</a> | 897: CFM syslog messages not displayed                                   |
| <a href="#">CSCUw43115</a> | CSR1Kv XE 3.13.3S Crashed on clearing ip ospf process                    |
| <a href="#">CSCUw38090</a> | No flow records sent when collect app http host/url and ssl added to FNF |
| <a href="#">CSCUy33991</a> | Router crash after tunnel interface goes up and BGP adjacency is set up  |
| <a href="#">CSCUv36677</a> | IOS allows RC4-MD5 and RC4-SHA1 SSL ciphers to be negotiated by default  |
| <a href="#">CSCVa72881</a> | crash due to Auth-proxy HTTP daemon process failing                      |
| <a href="#">CSCUt70749</a> | %SYS-2-NOBLOCK: may_suspend with blocking disabled. -Process= "IP Input" |
| <a href="#">CSCUy87957</a> | ZBFW crash when inspecting protocol h323-annexe                          |
| <a href="#">CSCUo42832</a> | IPS: Crash @ ips_dp_feature_action_internal with IPS,ZBFW,Scansafe ,NAT  |
| <a href="#">CSCVa50683</a> | "CWS Telemetry Process" Crash on Whitelist Upgrade With CSCUp94022 Fix   |
| <a href="#">CSCUr04161</a> | CWS: Lazarus: 60 seconds latency seen after xml download for Excpet Mgmt |
| <a href="#">CSCtz84873</a> | Crash due to stack overflow: CCSIP_SPI_CONTROL running low, 0/60000      |
| <a href="#">CSCUw65318</a> | Cube is not passing REFER on second transfer attempt                     |
| <a href="#">CSCsy42345</a> | Incorrect PRC values while configuring modem passthrough protocol codec  |
| <a href="#">CSCVa69488</a> | Memory increase on CUBE with Media Forking Process                       |
| <a href="#">CSCVa98002</a> | DMVPN: Intermittent QM failures with error 32 after ISP outage           |
| <a href="#">CSCVb08960</a> | ezvpn client config dissapears from dialer int when pppoe session flaps  |
| <a href="#">CSCVa75125</a> | L2TP/IPSEC from non-patted environment fails with set nat demux          |
| <a href="#">CSCUv90519</a> | Map doesn't get updated with socket change on local address change       |
| <a href="#">CSCUw56669</a> | DMVPN Phase3 OSPF Broadcast: NHO addition fails - insufficient resources |
| <a href="#">CSCVa46032</a> | FlexVPN: Hostname in DHCP is incorrect when using AnyConnect             |
| <a href="#">CSCVb24236</a> | FlexVPN: remote auth method isn't accepted in ikev2 profile              |
| <a href="#">CSCUz77054</a> | "sh crypto gdoi gm data counter" randomnly increases after REKEY         |
| <a href="#">CSCVb21220</a> | G-IKEv2: GM fails to process rekey after coop failover to new primary KS |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCva44179</a> | IKEv1 DPD delete logic causes stale phase 2                              |
| <a href="#">CSCuz27769</a> | gateway sends connected name in iso even when ecma is configured         |
| <a href="#">CSCva56729</a> | Intermittent connectivity loss   |
| <a href="#">CSCva72288</a> | ISR1921/1941 Failing to cache all IP-SGT binding.                        |
| <a href="#">CSCvb36107</a> | C897: Unresponsive to SNMP queries                                       |
| <a href="#">CSCut46469</a> | 3900E output queue stuck   |
| <a href="#">CSCuy01416</a> | EHWIC-1GE-SFP-CU on ISR2951: MAC addr is not learned with EVC/BD config  |
| <a href="#">CSCuu90215</a> | Energywise output displays wrong values                                  |
| <a href="#">CSCva97725</a> | rj45-auto-detect-polarity enable/disable behavior and shut/noshut timing |
| <a href="#">CSCuu88260</a> | no form of ipv6 mld snooping vlan commands are lost after router reload  |
| <a href="#">CSCva42524</a> | %SMC-2-BAD_ID_HW: Failed Identification Test in 0/-1/-1 [7/0] in logs    |
| <a href="#">CSCuz69459</a> | HWIC-4T with hardware reversion have ping loss.                          |
| <a href="#">CSCva44461</a> | ISR: PCIe bus error crash  |
| <a href="#">CSCva20682</a> | VWIC3:Line protocol goes down with a config of Sha-512 & ping > MTU size |
| <a href="#">CSCuv30976</a> | ISR3945 GigE ports disappear under SM-ES3G-16-P card while doing OIR     |
| <a href="#">CSCva46723</a> | Small buffers leak with PPP  |
| <a href="#">CSCuz95908</a> | Memory leak due to path query with Null outgoing interface               |
| <a href="#">CSCux27009</a> | Crash during unconfig nat translation which using pool type rotary       |
| <a href="#">CSCuv03661</a> | Intf placed in Admin Down after a reboot if no IP address is assigned    |
| <a href="#">CSCuu81597</a> | NAT inside interface is place in Admin Down after a reload               |
| <a href="#">CSCtq48581</a> | Natted traffic is getting process switched after reload.                 |
| <a href="#">CSCux28030</a> | No ARP replay for NAT address in vrf                                     |
| <a href="#">CSCuy45433</a> | PPTP translations are stuck in NAT table after timeout                   |
| <a href="#">CSCuu21270</a> | Traceroute freezes the router with ip nat enable configured              |
| <a href="#">CSCux96341</a> | 3945 crash on flapping tunnels with traffic                              |
| <a href="#">CSCvb18256</a> | PfRv3 Channels Not Deleted Once TC is Removed                            |
| <a href="#">CSCva72087</a> | High CPU due to NHRP process when covering route isn't present           |
| <a href="#">CSCva97469</a> | VA stuck in protocol down state after failing to establish IPSec session |

| Caveat ID Number           | Description   |
|----------------------------|---|
| <a href="#">CSCuz66396</a> | ASR1K: NTP: ntpq not able to retrieve delay/offset/jitter from router |
| <a href="#">CSCuz94245</a> | IGP-LDP sync interoperability for OSPF multi area adj                 |
| <a href="#">CSCva86165</a> | OSPF distance command does not work for newly added entries in ACL    |
| <a href="#">CSCvb21484</a> | PATH validation for Trustpoint configured with Enrollment via SCEP    |
| <a href="#">CSCuz39286</a> | Revert back of CSCuy70502 due to breakage in t_base_6                 |
| <a href="#">CSCti56560</a> | QoS Policy affecting the behavior of other Policies                   |
| <a href="#">CSCts86510</a> | NIGHTLY Build FAILED for 15.0M on 2011-09-17                          |
| <a href="#">CSCux95215</a> | Evaluation of sce for NTP_January_2016                                |
| <a href="#">CSCuy07466</a> | Evaluation of sce for OpenSSL January 2016                            |
| <a href="#">CSCuz52530</a> | Evaluation of sce for OpenSSL May 2016                                |
| <a href="#">CSCux03601</a> | Esrst 2nd CFW doesn't ring all phones with the same shared line       |
| <a href="#">CSCva93104</a> | Auto ip sla probes tags doesn't work                                  |
| <a href="#">CSCva77149</a> | Router crash when polling NOTIFICATION-LOG-MIB                        |
| <a href="#">CSCuz65461</a> | ssh server accept unconfigured authentication method                  |
| <a href="#">CSCux86075</a> | Unexpected crash during SSH operation                                 |
| <a href="#">CSCuy35425</a> | IOS memory leak in SSLVPN   |
| <a href="#">CSCvb03342</a> | IOS SSL VPN stuck reverse route blackholing IKEv2 connections         |

## Resolved Bugs—Cisco IOS Release 15.5(3)M4

Table 14: Resolved Bugs—Cisco IOS Release 15.5(3)M4

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCuz84796</a> | NBAR does not support dialer interface support on IOS-XE             |
| <a href="#">CSCva61103</a> | Config replace with 2000 sites config, BGP router crash unexpectedly |
| <a href="#">CSCuz58682</a> | Incorrect VPN withdraw with overlapping RT on multiple RT Filter     |
| <a href="#">CSCva86436</a> | no export ipv4 unicast map triggered router to crash                 |
| <a href="#">CSCva24325</a> | NSF/SSO feature not honouring TCP MSS                                |
| <a href="#">CSCuz21061</a> | router crashes after %BGP-6-BIGCHUNK + SNMP query.                   |



| <b>Caveat ID Number</b>    | <b>Description</b>   |
|----------------------------|--|
| <a href="#">CSCva25965</a> | Router may crash after multiple show ip bgp sum/neighbor                 |
| <a href="#">CSCva22563</a> | 5920 and host OS's time causing the handshake validation to fail         |
| <a href="#">CSCuy01239</a> | In c5921, config-register value was not setting to value after reload    |
| <a href="#">CSCuy35558</a> | L2 firewall not working on c5921 platform                                |
| <a href="#">CSCva12766</a> | Memory corruption, crash from Cavium GE driver on CGR 2010               |
| <a href="#">CSCuw57474</a> | CME Memory chunk Leak  |
| <a href="#">CSCuz85779</a> | CME getting crashed while running show ephone registered                 |
| <a href="#">CSCux77635</a> | Incoming Delayed Offer SIP Trunk Call to Mixed Shared line fails         |
| <a href="#">CSCuw91099</a> | NGWC 5760 HA Crashed One After Another                                   |
| <a href="#">CSCuy29071</a> | stacklow crash while configuring mDNS                                    |
| <a href="#">CSCuw57474</a> | CME Memory chunk Leak  |
| <a href="#">CSCuz85779</a> | CME getting crashed while running show ephone registered                 |
| <a href="#">CSCuy01239</a> | In c5921, config-register value was not setting to value after reload    |
| <a href="#">CSCuy35558</a> | L2 firewall not working on c5921 platform                                |
| <a href="#">CSCva12766</a> | Memory corruption, crash from Cavium GE driver on CGR 2010               |
| <a href="#">CSCuw57474</a> | CME Memory chunk Leak  |
| <a href="#">CSCuz85779</a> | CME getting crashed while running show ephone registered                 |
| <a href="#">CSCux77635</a> | Incoming Delayed Offer SIP Trunk Call to Mixed Shared line fails         |
| <a href="#">CSCuw91099</a> | NGWC 5760 HA Crashed One After Another                                   |
| <a href="#">CSCux77635</a> | Incoming Delayed Offer SIP Trunk Call to Mixed Shared line fails         |
| <a href="#">CSCuw91099</a> | NGWC 5760 HA Crashed One After Another                                   |
| <a href="#">CSCuy29071</a> | stacklow crash while configuring mDNS                                    |
| <a href="#">CSCva30873</a> | hairpin call loop crash  |
| <a href="#">CSCuz56699</a> | ISR 4k Paging over SIP / FXS phones have no audio                        |
| <a href="#">CSCva00899</a> | C841M crashes randomly during execution of the reload EEM script.        |
| <a href="#">CSCun71347</a> | 3850 Crash in "CEF: IPv4" Process While Processing ARP Throttle Elements |
| <a href="#">CSCuy29071</a> | stacklow crash while configuring mDNS                                    |
| <a href="#">CSCva30873</a> | hairpin call loop crash  |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCuz56699</a> | ISR 4k Paging over SIP / FXS phones have no audio                        |
| <a href="#">CSCva00899</a> | C841M crashes randomly during execution of the reload EEM script.        |
| <a href="#">CSCun71347</a> | 3850 Crash in "CEF: IPv4" Process While Processing ARP Throttle Elements |
| <a href="#">CSCuz81292</a> | IPv6 neighbor discovery packet processing behavior                       |
| <a href="#">CSCuz61109</a> | Self ping to port channel sub interface dropped with LISP decap log      |
| <a href="#">CSCuv27265</a> | ENH: Enable support for TLSv1.1 & TLSv1.2 for http secure server/client  |
| <a href="#">CSCva15828</a> | AN: Router crash during ACP flap pointing to ikev2                       |
| <a href="#">CSCuz81292</a> | IPv6 neighbor discovery packet processing behavior                       |
| <a href="#">CSCuz61109</a> | Self ping to port channel sub interface dropped with LISP decap log      |
| <a href="#">CSCuv27265</a> | ENH: Enable support for TLSv1.1 & TLSv1.2 for http secure server/client  |
| <a href="#">CSCva15828</a> | AN: Router crash during ACP flap pointing to ikev2                       |
| <a href="#">CSCuw52464</a> | ISR reload with info file for FW feature set                             |
| <a href="#">CSCva75774</a> | CWS/ISR 1900 15.5(3)M1 whitelist download enable stops updating          |
| <a href="#">CSCuw52464</a> | ISR reload with info file for FW feature set                             |
| <a href="#">CSCux59590</a> | DNS resolution fails for CWS towers on an ISR when FQDN TTL > 300 secs   |
| <a href="#">CSCuw33384</a> | PBR not working when the recursive next-hop is not in routing table      |
| <a href="#">CSCuz12967</a> | Crash after show ip protocols vrf with RIP enabled                       |
| <a href="#">CSCuv86229</a> | Interrupt stack overrun and crash due to recursive tunnel lookup, Part 2 |
| <a href="#">CSCuz41999</a> | Optimizing the EoGRE endpoint creation/deletion                          |
| <a href="#">CSCuz71535</a> | 3945 CUBE crash when 302 is received without user part                   |
| <a href="#">CSCva39669</a> | CPU hog in sip_tls_tcp_read_socket if sipContext is NULL.                |
| <a href="#">CSCux59590</a> | DNS resolution fails for CWS towers on an ISR when FQDN TTL > 300 secs   |
| <a href="#">CSCuw33384</a> | PBR not working when the recursive next-hop is not in routing table      |
| <a href="#">CSCuz12967</a> | Crash after show ip protocols vrf with RIP enabled                       |
| <a href="#">CSCuv86229</a> | Interrupt stack overrun and crash due to recursive tunnel lookup, Part 2 |
| <a href="#">CSCuz41999</a> | Optimizing the EoGRE endpoint creation/deletion                          |
| <a href="#">CSCuz71535</a> | 3945 CUBE crash when 302 is received without user part                   |
| <a href="#">CSCva39669</a> | CPU hog in sip_tls_tcp_read_socket if sipContext is NULL.                |

| Caveat ID Number           | Description  |
|----------------------------|--|
| <a href="#">CSCuz91476</a> | CUBE crashed if Invite receive with Replcaes and missing User in FromTag |
| <a href="#">CSCuz47777</a> | DTMF issue on ISR G3/ASR during the prompt using TCL Script              |
| <a href="#">CSCva80218</a> | ISR4431 crahsed due to possible memory leak issue due to CCSIP_SPI_CTRL  |
| <a href="#">CSCuz73820</a> | Memory Leak seen at CCSIP_SPI_CONTROL                                    |
| <a href="#">CSCuz91476</a> | CUBE crashed if Invite receive with Replcaes and missing User in FromTag |
| <a href="#">CSCuz47777</a> | DTMF issue on ISR G3/ASR during the prompt using TCL Script              |
| <a href="#">CSCva80218</a> | ISR4431 crahsed due to possible memory leak issue due to CCSIP_SPI_CTRL  |
| <a href="#">CSCuz73820</a> | Memory Leak seen at CCSIP_SPI_CONTROL                                    |
| <a href="#">CSCuz71250</a> | Router crashes when parsing ack for mid call                             |
| <a href="#">CSCuv97379</a> | [ST-P] STBY router crashed on disconnecting call on ACTIVE               |
| <a href="#">CSCuz85769</a> | GETVPN : total packet loss after 2nd ESP switchover (PI-fix)             |
| <a href="#">CSCuz71250</a> | Router crashes when parsing ack for mid call                             |
| <a href="#">CSCuv97379</a> | [ST-P] STBY router crashed on disconnecting call on ACTIVE               |
| <a href="#">CSCuz85769</a> | GETVPN : total packet loss after 2nd ESP switchover (PI-fix)             |
| <a href="#">CSCva28243</a> | Crash in IKEv2 when using FlexVPN + RADIUS                               |
| <a href="#">CSCuu44128</a> | GETVPN on ASR with vasi interface fail to install the Rekey              |
| <a href="#">CSCva28243</a> | Crash in IKEv2 when using FlexVPN + RADIUS                               |
| <a href="#">CSCuu44128</a> | GETVPN on ASR with vasi interface fail to install the Rekey              |

## Open Bugs—Cisco IOS Release 15.5(3)M3

Table 15: Open Bugs—Cisco IOS Release 15.5(3)M3

| Identifier                 | Description   |
|----------------------------|---|
| <a href="#">CSCuz60599</a> | ISR router crash when using secure login with %SYS-2-CHUNKBADREFCOUNT |
| <a href="#">CSCuz83800</a> | Barramundi C5921 unable to launch in Microsoft Surface Pro 4 machine  |
| <a href="#">CSCuz50985</a> | Router crashes with Bad magic number in cce dp cft chunk header       |
| <a href="#">CSCuz82749</a> | PMIP MAG configuration needs error checking on config change          |
| <a href="#">CSCuz87695</a> | SCCP Phones on CME not forwarding video packets on outbound calls     |

| Identifier                 | Description   |
|----------------------------|---|
| <a href="#">CSCuy84435</a> | shared line SIP-SCCP not working on ESRST gateway                       |
| <a href="#">CSCuv98094</a> | I/O pool not freed soon enough and kept running out when it is depleted |
| <a href="#">CSCux74992</a> | IPv6 Route over Dialer is installed even before the PPP negotiation     |
| <a href="#">CSCut49912</a> | Incoming packets from VDSL link discarded under high load               |
| <a href="#">CSCuz79923</a> | 'media statistics' should follow 'allow-connections'                    |
| <a href="#">CSCuz46782</a> | CUBE - No audio for DO-EO FA when PRACK enabled on incoming call leg    |
| <a href="#">CSCuz74014</a> | CUBE responds 500 Internal Server Error to received= instead of via     |
| <a href="#">CSCuw81524</a> | Latency values are more for tx-ring 2 than tx-ring 64                   |
| <a href="#">CSCuz88659</a> | ping loss on C891FJ-K9  |
| <a href="#">CSCuz02837</a> | Port is not coming up after reload if CDP is disabled                   |
| <a href="#">CSCuz70409</a> | HWIC-4ESW randomly stops forwarding multicast streams.                  |
| <a href="#">CSCuu90215</a> | Energywise output displays wrong values                                 |
| <a href="#">CSCuz58300</a> | 3900   Ping latency seen on reseal of onboard SFP port                  |
| <a href="#">CSCuu88260</a> | no form of ipv6 mld snooping vlan commands are lost after router reload |
| <a href="#">CSCuz73595</a> | ifInMulticastPkts doesn't count up on vlan interface                    |
| <a href="#">CSCuz86736</a> | ISR3925 // SM-X-1-T3/E3= // Flapping Issue while XR on far end device   |
| <a href="#">CSCuz78328</a> | Router crash due to PA FO chunk corruption                              |
| <a href="#">CSCuz76045</a> | 'Ctrl TC Message corrupted' messages seen with PfRv2                    |
| <a href="#">CSCuy35425</a> | IOS memory leak in SSLVPN   |
| <a href="#">CSCuz39203</a> | ASR1K - ESS Peruser ACL Feature error when attempting to delete         |
| <a href="#">CSCux28671</a> | %AAA-3-BUFFER_OVERFLOW: Radius I/O buffer has overflowed on 154-3.M3    |
| <a href="#">CSCuy93968</a> | Link Recovery not working   |
| <a href="#">CSCuy25654</a> | Modem (eHWIC) got into boot & hold state after continuous mod-pwr-cycle |
| <a href="#">CSCuz90489</a> | 'sh cellular profile' & 'sh cellular microcode' output not as expected  |

## Resolved Bugs—Cisco IOS Release 15.5(3)M3

Table 16: Resolved Bugs—Cisco IOS Release 15.5(3)M3

| Identifier                 | Description  |
|----------------------------|--|
| <a href="#">CSCuy32360</a> | Crash after Quiet mode is triggered with login block-for configured      |
| <a href="#">CSCux56322</a> | router crash with memory corruption related to vstack feature            |
| <a href="#">CSCup03795</a> | SPAN breaks on ACTIVE port after switchover in VSS setup                 |
| <a href="#">CSCuy03054</a> | ASR1K IOSd may crash in BGP Acceptor process due to segmentation fault   |
| <a href="#">CSCux55351</a> | ASR1K router crashed due to running BGP with AIGP                        |
| <a href="#">CSCux70093</a> | BGP RR does not advertise vpnv6 prefixes even all RT filters are learnt  |
| <a href="#">CSCuy20481</a> | Crash due to stale pointer after removing vrf command export AF map      |
| <a href="#">CSCux76332</a> | Deleting a statement in export map, removes other statement              |
| <a href="#">CSCux96029</a> | GR Non-restarting peer does not advertise VPN routes default RT filter   |
| <a href="#">CSCuy03504</a> | Incorrect prefix count upon clearing bgp peering                         |
| <a href="#">CSCux62094</a> | Routes are not exported from vrf to global due to incorrect export limit |
| <a href="#">CSCuy33157</a> | C5921 crashes when access point disabled.                                |
| <a href="#">CSCuy44757</a> | e5921 support for VTY 5-15   |
| <a href="#">CSCuw55129</a> | vlan tag removed kernel-2.6.32-504.23.4.el6.i686 and later               |
| <a href="#">CSCuv01607</a> | Invalid spi, Attempt to use contiguous buffer as scattered, Full queue   |
| <a href="#">CSCux43630</a> | ISM : Router with ISM module stops passing traffic                       |
| <a href="#">CSCux44277</a> | ISM-VPN GDOI: GM with crypto map on two interfaces stops decrypting ESP  |
| <a href="#">CSCux20978</a> | VPN-ISM: IPSEC tunnel gets stuck   |
| <a href="#">CSCuw02624</a> | IOS:Cannot periodically establish SSL connection                         |
| <a href="#">CSCux79855</a> | TPS Server failure in crypto_engine_pk_decrypt breaking https post sso.  |
| <a href="#">CSCux47834</a> | DHCP server crashed when updating DDNS entries                           |
| <a href="#">CSCux60876</a> | Memory corruption due to DHCP  |
| <a href="#">CSCuu43892</a> | switch crash on qpair_full after executing dhcpd_* functions             |
| <a href="#">CSCuz62786</a> | ISR4K sccp based transcoding hanging dsp-session_leg on data-plane       |
| <a href="#">CSCux82241</a> | \$\$TS: EIGRP SAF sequence not same for site-prefix and discovered site  |

| Identifier                 | Description  |
|----------------------------|--|
| <a href="#">CSCux92391</a> | \$\$TS: SAF service 5 is not seen on 3945e branch after HUB MC reload    |
| <a href="#">CSCuv74256</a> | IOS: HMAC key miscalculated with DH Group 21 and IPSec PFS enabled       |
| <a href="#">CSCux49494</a> | 'allow connections' or 'telephony-service' config is required on ISR4k   |
| <a href="#">CSCuw12720</a> | MallocLite memory leak due to EEM when using 'file open' action.         |
| <a href="#">CSCux68976</a> | Crash in fib_fib_get_fib_tableid   |
| <a href="#">CSCux06777</a> | Device crash with RPF configured.  |
| <a href="#">CSCuy38707</a> | After RSP switchover, BFD hangs for up to 10 minutes before converging   |
| <a href="#">CSCut92547</a> | Crash at pp_delete_socket  |
| <a href="#">CSCuy48358</a> | Crash during SIP subscribe notify ACK                                    |
| <a href="#">CSCuz64285</a> | Cube fails to send the SIP Error code response                           |
| <a href="#">CSCuy40672</a> | One way audio in a DODO call after transfer with REFER disabled          |
| <a href="#">CSCuz69975</a> | Under load crash is seen in CVP REFER_PASSTHRU scenario                  |
| <a href="#">CSCuz81381</a> | Under load crash seen in CVP REFER_MIDCALL_SINGNALING_BLOCK scenario     |
| <a href="#">CSCuy30957</a> | For IPv6:Activate Under GDOI Fail-Close Disappears on Reboot             |
| <a href="#">CSCuy43118</a> | XE316: HubBR might be crashed@tunnel_protection_validate_shared_profile  |
| <a href="#">CSCuy01778</a> | GETVPN KS reload after split and merge                                   |
| <a href="#">CSCuz14788</a> | New reg invoke PKI function breaks the GETVPN CRL Checking feature       |
| <a href="#">CSCux83732</a> | Pseudotime not being synchronized between GETVPN Key Servers             |
| <a href="#">CSCux25628</a> | Diffie Hellman computation fails due to leak in crypto engine            |
| <a href="#">CSCuv31981</a> | ISR Router Crashes When Trying to Delete a Freed SA                      |
| <a href="#">CSCux99250</a> | ASR 903 IPv6 Multicast crashes   |
| <a href="#">CSCux29806</a> | ISIS routes are not not installed in the routing table from isisdatabase |
| <a href="#">CSCux89502</a> | PPPoE on MLPPP SHDSL links crashes router: packet in free block          |
| <a href="#">CSCuz67357</a> | NID VLAN config not working on c897VA CPE's for VDSL interface           |
| <a href="#">CSCuv49227</a> | 'bfd interval' values only 999-999 in Port-channel sub-interface mode    |
| <a href="#">CSCut86321</a> | Tx hang on 2951's GigabitEthernet IF                                     |
| <a href="#">CSCut34058</a> | Memory Fragment on SM-X-1T3/E3= with Serial Background process           |
| <a href="#">CSCus72718</a> | L2TPv3 session pending between 2 devices                                 |

| Identifier                 | Description  |
|----------------------------|--|
| <a href="#">CSCut45177</a> | CWS HTTPs traffic fails to load on ISR configured with NVI               |
| <a href="#">CSCuy03680</a> | V3Lite IGMP packets sent instead of V3 when UDP based feature is present |
| <a href="#">CSCuy13792</a> | ISR G2 Crash on Quick 4G Tunnel Template MTU and Adjust-MSS Change       |
| <a href="#">CSCuz03646</a> | match protocol 'netbios-dgm' CLI not working for c800 NPE images         |
| <a href="#">CSCuy31450</a> | Router crashes after reload with protocol pack auto update config        |
| <a href="#">CSCuy64209</a> | 3900 router crashes on enabling PFRV3                                    |
| <a href="#">CSCuy42200</a> | IOS-XE Watchdog Crash in cent_rpi_route_lookup_n_monitor_start           |
| <a href="#">CSCuy32099</a> | ISR G2:WAN Intf withdrawn when channels in Init State become unreachable |
| <a href="#">CSCuz56504</a> | Traffic black-holed on BR after brownout or hard reset on MC             |
| <a href="#">CSCuy71712</a> | FlexVPN: Spoke spawns a virtual access to connect to the hub             |
| <a href="#">CSCuy04757</a> | Crash@ospfv3_router_process_mgd_timers on shut/no shut of sub-intf       |
| <a href="#">CSCuy32709</a> | R-LFA Tunnels not established on setting DS required attribute           |
| <a href="#">CSCux19034</a> | XE3.16 crashes when conf 'distribute-list' under router ospf and sh run  |
| <a href="#">CSCuo61229</a> | ASR1002 Crashed after 'show pfr master active running'                   |
| <a href="#">CSCuy85870</a> | Wrong TD next-hop for overlapping prefixes                               |
| <a href="#">CSCuu61536</a> | AN: Registrar (RA mode server) crashed after shut/unshut int to CA.      |
| <a href="#">CSCuy33129</a> | G2 routers not able to download Trustpool due to nvram space             |
| <a href="#">CSCux52544</a> | PnP Fails to Initiate with Non-VLAN1 Feature Configured                  |
| <a href="#">CSCuw55717</a> | Memleak @ pak_pool_cache_item_get : Scaled TFEX                          |
| <a href="#">CSCuy55849</a> | RTR installs the ISIS(or OSPF) route with Higher Metric in the RIB       |
| <a href="#">CSCuw57124</a> | Cat3750 stack switch memory leak in MallocLite and Dead memory           |
| <a href="#">CSCuy38709</a> | Memory leak with watcher_create_common.                                  |
| <a href="#">CSCuy34361</a> | SSH V1 periodically crashes when displaying large volumes of data        |
| <a href="#">CSCuy54623</a> | Evaluation of all for OpenSSL March 2016                                 |
| <a href="#">CSCuv41355</a> | Unable to telnet -- No wild listener: port 23                            |
| <a href="#">CSCuy55764</a> | Abnormal functionality of L2 firewall in c5921                           |
| <a href="#">CSCuz03079</a> | ISR-4K Processing Error: H323 Setup parameter 'mediaWaitForConnect TRUE' |
| <a href="#">CSCuy65330</a> | RSVP Reservation Failure Causes Call Drop on Voice to Video Calls        |

| Identifier                 | Description   |
|----------------------------|---|
| <a href="#">CSCus45019</a> | Media loop detection failure  |
| <a href="#">CSCuy14532</a> | rtp/rtcp media activity timer doesn't trigger when only 1 rtp leg drops |
| <a href="#">CSCux54794</a> | Configuration under the E&M voice-ports are missing after the reload    |
| <a href="#">CSCux88265</a> | DSP errors seen and audio fails for MGCP-FXO to IP Phone call           |
| <a href="#">CSCuy16501</a> | Static noise introduced on FXO after IOS upgrade                        |
| <a href="#">CSCuz52693</a> | ISR 4K Memory Holding in CCSIP_SPI_CONTROL                              |
| <a href="#">CSCus03761</a> | Stack overflow crash @ ip_epm_proxy_slow_check.                         |
| <a href="#">CSCuz17364</a> | DTMF Type ahead buffer on GW with Nuance not working                    |

## Open Bugs—Cisco IOS Release 15.5(3)M2

Table 17: Open Bugs—Cisco IOS Release 15.5(3)M2

| Identifier                 | Description   |
|----------------------------|---|
| <a href="#">CSCef23633</a> | Pushing additional config via VxWorks takes too long                    |
| <a href="#">CSCuv01607</a> | Invalid spi, Attempt to use contiguous buffer as scattered, Full queue  |
| <a href="#">CSCuw90008</a> | ISM is stuck during installation of GETVPN policy                       |
| <a href="#">CSCux20978</a> | VPN-ISM: IPSEC tunnel gets stuck  |
| <a href="#">CSCuw02624</a> | IOS:Cannot periodically establish SSL connection                        |
| <a href="#">CSCux47834</a> | DHCP server crashed when updating DDNS entries                          |
| <a href="#">CSCux60876</a> | Memory corruption due to DHCP   |
| <a href="#">CSCux74992</a> | IPv6 Route over Dialer is installed even before the PPP negotiation     |
| <a href="#">CSCuv22078</a> | C881W: Inconsistent behaviour with Guest PC plugged behind Avaya Phone  |
| <a href="#">CSCut23908</a> | HWIC loses connectivity to IP's outside subnet when 802.1x process done |
| <a href="#">CSCux41072</a> | EIGRP sending hello messages with interface in passive mode.            |
| <a href="#">CSCuv74256</a> | IOS: HMAC key miscalculated with DH Group 21 and IPsec PFS enabled      |
| <a href="#">CSCux68976</a> | Crash in fib_fib_get_fib_tableid  |
| <a href="#">CSCus76858</a> | IPS auto update failed, Internet links goes down and comes up           |
| <a href="#">CSCuv27265</a> | ENH: Enable support for TLSv1.1 & TLSv1.2 for http secure server/client |



| Identifier                 | Description  |
|----------------------------|--|
| <a href="#">CSCuv36677</a> | IOS allows RC4-MD5 and RC4-SHA1 SSL ciphers to be negotiated by default  |
| <a href="#">CSCux78157</a> | 3925 crashes when applying HTTP inspection policy under ZBF policy       |
| <a href="#">CSCux59590</a> | DNS resolution fails for CWS towers on an ISR when FQDN TTL > 300 secs   |
| <a href="#">CSCuw75695</a> | Router crash due to Process = SSS Manager                                |
| <a href="#">CSCuu60689</a> | Packets dropped by ingress ACL when IPsec + ACL configured for IPv6      |
| <a href="#">CSCuv13096</a> | IPsec Mixed Mode support for VTI   |
| <a href="#">CSCux83732</a> | Pseudotime not being synchronized between GETVPN Key Servers             |
| <a href="#">CSCux25628</a> | Diffie Hellman computation fails due to leak in crypto engine            |
| <a href="#">CSCur68316</a> | 802AP-891 in flexconnect mode are losing vlan mapping after power cycle  |
| <a href="#">CSCuw81524</a> | Latency values are more for tx-ring 2 than tx-ring 64                    |
| <a href="#">CSCux20993</a> | MLP fragmentation issue with EHWIC-VA-DSL-A and 887VA                    |
| <a href="#">CSCuj86253</a> | 2900 w/ Multiple EHWIC-4ESG-P's and L2TPv3 via SVI's drops 50% multicast |
| <a href="#">CSCut34058</a> | Memory Fragment on SM-X-1T3/E3= with Serial Background process           |
| <a href="#">CSCux66881</a> | %SYS-2-GETBUF: Bad getbuffer when IPv6 and NAM enabled                   |
| <a href="#">CSCut45177</a> | CWS HTTPs traffic fails to load on ISR configured with NVI               |
| <a href="#">CSCuw65792</a> | CWS not associating CN with nested groups when ', (comma)' is used       |
| <a href="#">CSCuw20313</a> | Router crash configuring IPv6 over IPv4 tunnel on NEMO tunnel template   |
| <a href="#">CSCuu21270</a> | Traceroute freezes the router with ip nat enable configured              |
| <a href="#">CSCux80988</a> | Crash on router due to netflow   |
| <a href="#">CSCux73913</a> | PFRv3 router crashed due to CPUHOG/Watchdog process = CENT-MC-0.         |
| <a href="#">CSCuu98027</a> | onepk memory corrupt crash when repeating sh policy-map                  |
| <a href="#">CSCux61776</a> | Crash while applying a crypto trustpoint                                 |
| <a href="#">CSCux07723</a> | Router crash when ISP removes the patch cords connected to Gig 0/2       |
| <a href="#">CSCux18948</a> | High CPU due to alignment errors caused by smef_cmd_pre_decap            |
| <a href="#">CSCuv41355</a> | Unable to telnet -- No wild listener: port 23                            |
| <a href="#">CSCux44315</a> | Per Call Debugging system restart by address error                       |
| <a href="#">CSCus03761</a> | Stack overflow crash @ ip_epm_proxy_slow_check.                          |

## Resolved Bugs—Cisco IOS Release 15.5(3)M2

Table 18: Resolved Bugs—Cisco IOS Release 15.5(3)M2

| Identifier | Description  |
|------------|--|
| CSCux46432 | AAA crash on multiple username deletions                                 |
| CSCuw86386 | AAA crash when removing TACACS servers                                   |
| CSCuv85354 | Cauvery:Crash on configuring aaa commands                                |
| CSCuu59324 | router crashes @aaa_memerace   |
| CSCut74192 | bfd session not coming up after interface in vrf shut and no shut        |
| CSCus94258 | AIGP metric not used when NH has AIGP attribute                          |
| CSCuw79017 | MPLS VPN: Crash when rt import is added under vrf definition             |
| CSCux13904 | Bolt: Modem stays in boot and hold mode after f/w upgrade                |
| CSCuw64684 | Packet loss observed during oversubscription of QOS in c5921             |
| CSCuw06084 | DTMF not getting recognized on ISR G3 when using TCL Script              |
| CSCux18010 | Cisco Networking Services Sensitive Information Disclosure Vulnerability |
| CSCux37497 | Malloc Issues with chunk manager perf_mon_async_cft_create_fo()          |
| CSCus56080 | Memory leak in using ISM-VPN module at pse2_ge_rx_interrupt              |
| CSCut42645 | input queue wedged on a SSLVPN enabled router                            |
| CSCut10251 | Some commands are not in running-config after AUTOINSTALL finishes       |
| CSCus99015 | "clear mac-address-table" removes sticly address from configuration      |
| CSCup94022 | CWS: WL: Crash seen after "no whitelist down" during XML Download        |
| CSCuu82082 | Memory corruption crash due to cont_scan_display_session                 |
| CSCuv59457 | Exposed username and password in log when EPC export fails               |
| CSCuq13031 | [Beni]IOSD crash report@rip_add_idb in VSS setup on latest Beni [61.E]   |
| CSCuv75728 | CUBE crashed @ __be_sipSPI_ipip_antiTrombone, Antitrombone Call          |
| CSCuw23947 | Activate Under GDOI Fail-Close Disappears on Reboot                      |
| CSCuw99554 | ASR crashes on removing the sub-interface on HSRP active router          |
| CSCux09048 | flow restrict on backup crypto map causes traffic to fail                |
| CSCuu96199 | ISM unexpected behaviour with stateful ipsec                             |

| Identifier                 | Description  |
|----------------------------|--|
| <a href="#">CSCuu52012</a> | Router crash when we execute show run   format command                       |
| <a href="#">CSCuv94186</a> | SNMPWALK crash at ipsmIPSec_policyOfTunnel                                   |
| <a href="#">CSCuv81298</a> | LFA SPF causes cpuhog and crash in scaled test with 400 nodes                |
| <a href="#">CSCuw47382</a> | OTV:Local otv vlan inactive after ED reload                                  |
| <a href="#">CSCur14893</a> | C891FJ packet drops strikingly with 64byte/100Mbps traffics                  |
| <a href="#">CSCuu05855</a> | Input rate is reduced after configure un-configure test                      |
| <a href="#">CSCuv06763</a> | c897VAB: Bitswap is not working correctly                                    |
| <a href="#">CSCux33431</a> | VDSL Controller stuck and crash with c897VAB                                 |
| <a href="#">CSCut40341</a> | Line protocol on SM-X-1T3/E3 configured for frame-relay remains down         |
| <a href="#">CSCuw14948</a> | HSRP vip ping failure after power off one side Router with SM module         |
| <a href="#">CSCus82816</a> | Crash in tup_lookup_func in Scansafe feature                                 |
| <a href="#">CSCux05779</a> | LISP possible segmentation fault with DDT enabled                            |
| <a href="#">CSCuw65059</a> | mfib on the line card stuck in Connecting state                              |
| <a href="#">CSCuw02238</a> | CSR1KV, AVC: csr1kv crash when "show run   format" is run                    |
| <a href="#">CSCuw97075</a> | perf-monitor service policy does not with connection initiator commands      |
| <a href="#">CSCux34430</a> | Traffic not flowing through for MAG MNP's with PBR                           |
| <a href="#">CSCur51997</a> | Packets coming from outside interface NOT translated                         |
| <a href="#">CSCux10171</a> | [3.17] KinPin Crashed when configuring custom HTTP                           |
| <a href="#">CSCux29515</a> | \$\$\$S\$: branch MC shutdown itself with dual BR branch with multi-WAN topo |
| <a href="#">CSCux60466</a> | PfRv3 - CPUHOG pointing to cent event-trace                                  |
| <a href="#">CSCut61985</a> | MPLSoDMVPN; Ping to spoke int. fails if dest. mask is /32                    |
| <a href="#">CSCuv80670</a> | Registration requests not initiated on tunnel source change                  |
| <a href="#">CSCuw85826</a> | Evaluation of Cisco IOS and IOS-XE1 for NTP_October_2015                     |
| <a href="#">CSCuu55332</a> | OSPF NSR: Standby Crash on no shut of interface with ip address dhcp         |
| <a href="#">CSCuw57225</a> | PfRv2 not work well for 10% inbound load-balance                             |
| <a href="#">CSCuu30930</a> | ENH IOS PKI: Client should accept content-type x-x509-next-ca-cert           |
| <a href="#">CSCuw41120</a> | IOS PKI: Temp Self-signed sequence number encoded as signed integer          |
| <a href="#">CSCuu68032</a> | IOS-XE crash when trying to auto-enroll with usage keys                      |

| Identifier  | Description  |
|-------------|--|
| CSCUv62299  | CUBE crashed @ ccTDPvtGetTDOObjectFromProfileTab AFW Process             |
| CSCCx17298  | ISR-G2: Gigabit Ethernet interface is always in shutdown after reload    |
| CSCUw15272  | PNP non-vlan 1 zero-touch upgrade does not work                          |
| CSCUw51653  | SIP SRST router in eSRST mode reject phone registration due to + DN      |
| CSCUv22571  | Memory corruption crash after show ip sla commands                       |
| CSCUw59675  | watchdog crash after 'ip sla reset'                                      |
| CSCtn75051  | %SYS-3-TIMERNEG: Cannot start timer with negative offset                 |
| CSCUu78845  | IOS 15.5 SSH auth does not progress to next method                       |
| CSCUu10241  | DTLS related traceback on an IOS router terminating SSL VPN.             |
| CSCCx03041  | LDP NSR: Session Flaps on Standby RP Due to MD5 Authentication Failure   |
| CSCUu71299  | MPLS LDP flap with %TCP-6-BADAUTH: No MD5 digest                         |
| CSCUs46844  | 802.1x 3650 Radius Response not picked up by AAA code                    |
| CSCUw96640  | router crashed multiple times at mc_make_packets_DQ                      |
| CSCCx36081  | 4XXX / ISR3 xcoder fails when stream is send only receive only           |
| CSCCx45574  | DSP channel not released on ISRG3 incoming FXO call                      |
| CSCCx22874  | On demand PCM captures needs to be available on ISR4k routers            |
| CSCUw16166  | ob-callid in source-uri field is different from the OB call's Call-ID    |
| CSCUv93812  | RTP ports hung on Router.  |
| CSCUu25704  | Memory corruption in the IO pool when a t38 fax gateway receives t37 fax |
| CSCCx29793  | 2 extra Interim Accounting messages sent after SRL service activation    |
| CSCCur71089 | SIM toggling between sim0 and sim1                                       |

## Resolved Bugs—Cisco IOS Release 15.5(3)M1

Table 19: Resolved Bugs—Cisco IOS Release 15.5(3)M1

| Identifier  | Description  |
|-------------|--|
| CSCCur84322 | "IOSXE-WATCHDOG: Process = RADIUS " crashed with crafted Radius response |
| CSCCur25121 | "IOSXE-WATCHDOG: Process = RADIUS " process crash with authenticated pkt |

| Identifier                 | Description  |
|----------------------------|--|
| <a href="#">CSCur27693</a> | "Process = RADIUS " Crashed with crafted Radius response                 |
| <a href="#">CSCus21322</a> | Adding NAS_IPV6_ADDRESS in the Sanet                                     |
| <a href="#">CSCuj60066</a> | Amur: Katana crashes in "EAP process framework" when we start roaming    |
| <a href="#">CSCug18580</a> | ASR1k crash: UNIX-EXT-SIGNAL SEGFAULT, Process = AAA ACCT Proc           |
| <a href="#">CSCut27272</a> | CPUHOG and crash due to Auth Manager process                             |
| <a href="#">CSCur59242</a> | Crash due to tplus_client_stop_timer                                     |
| <a href="#">CSCur82459</a> | DIAMETER trap getting enabled when PKI trap enabled                      |
| <a href="#">CSCut09164</a> | Memory leak in AAA/EAP code in 3.3.5                                     |
| <a href="#">CSCut31678</a> | Memory leak in AAA/EAP code in 3.3.5                                     |
| <a href="#">CSCur51387</a> | NG3K stack: standby gets reloaded due to reason "configuration mismatch" |
| <a href="#">CSCuu88084</a> | DSCP Marking for IPv4 and IPv6 broken                                    |
| <a href="#">CSCuu85298</a> | FIB/LFIB inconsistency after BGP flap                                    |
| <a href="#">CSCuv07111</a> | IOS and IOS-XE devices changing the next-hop on BGP route with own IP    |
| <a href="#">CSCut16884</a> | Reloading the router,the attach and data profile change to profile 1     |
| <a href="#">CSCuv66776</a> | MQC Policy-map counters do not update in T3/E3 SPA                       |
| <a href="#">CSCuw11898</a> | c5930 : Crash leaded by BADSHARE messages when shaping traffic           |
| <a href="#">CSCuv60523</a> | c5930: Enable accurate accounting of CPU usage                           |
| <a href="#">CSCut99733</a> | Modifying the filters in the child class-map is not working properly.    |
| <a href="#">CSCuv74915</a> | Router crash @ cce_dp_udb_vm_preclassify_process                         |
| <a href="#">CSCuv31435</a> | "cns id udi" does not apply to ISRG2 device when using auto install.     |
| <a href="#">CSCuu73697</a> | ISM drops fragmented traffic if virtual-reassembly configured            |
| <a href="#">CSCuv75232</a> | Cauvery: Standby reload due to sync failure with crypto key zeroize cmd  |
| <a href="#">CSCut03230</a> | Crash when we configure primary tower name with char out of boundary     |
| <a href="#">CSCuu50392</a> | aaa attr list leak at dsensor_process_pkt_update_cache                   |
| <a href="#">CSCus25205</a> | Traceback@eigrp_process_dying during unconfiguration                     |
| <a href="#">CSCuw17253</a> | XE316: UNIX-EXT-SIGNAL: Segmentation fault Process = Service Routing MCP |
| <a href="#">CSCuu87276</a> | Link-protection group config is removed from interface after IM_OIR      |
| <a href="#">CSCuu54190</a> | mpdb is getting incorrectly populated                                    |

| Identifier                 | Description   |
|----------------------------|---|
| <a href="#">CSCUv45996</a> | DM on EVC BD Up mep, reload inactive SLA session showing wrong values.  |
| <a href="#">CSCUu68439</a> | Crash after no route-target import command                              |
| <a href="#">CSCUu26303</a> | Router crash triggered by service policy and ipv6 traffic               |
| <a href="#">CSCUw05651</a> | EzPM causes STACKLOW message and a subsequent crash                     |
| <a href="#">CSCUv43978</a> | IPv6 GRE over 6PE does not work properly                                |
| <a href="#">CSCUv77279</a> | IPv6 GRE over 6PE tunnels not working after deletion of non-default VRF |
| <a href="#">CSCUv80943</a> | MCP_DEV:Packet drops@Ipv6NoRoute with ipv6gre configs                   |
| <a href="#">CSCUv99758</a> | Remove unnecessary packet debugs for UDP tunnels                        |
| <a href="#">CSCUu56407</a> | ASR1k Crashes with x-cisco-cpa in INVITE and when no DSP configured     |
| <a href="#">CSCUu90168</a> | CUBE crashed due to memory hoding @ TCP_SOCKET                          |
| <a href="#">CSCUv61186</a> | DSP resources not relesed after Hold Resume                             |
| <a href="#">CSCUv37786</a> | ISRG3 Core pointing to CCSIP_SPI_CONTROL process                        |
| <a href="#">CSCUu44302</a> | Memory leak under process RECMSPAPP with PC voip_rtp_create_fork_object |
| <a href="#">CSCUu29667</a> | ASR1K crash when snmp setting cipSecTunnelEntry                         |
| <a href="#">CSCUv61208</a> | ASR1k EasyVPN server loses RRI for clients behind PAT                   |
| <a href="#">CSCUu54392</a> | Different Tunnel Protection with shared profile cannot be used          |
| <a href="#">CSCUv32594</a> | OSPFv3 encryption - Adjacency not up after reload                       |
| <a href="#">CSCUs85701</a> | AQoS peer mismatch with NAT   |
| <a href="#">CSCUv66070</a> | Crash on executing "show nhrp group-map" command                        |
| <a href="#">CSCUw09293</a> | DMVPN Per-Tunnel QoS removed when spokes re-register with changed NBMA  |
| <a href="#">CSCUu93699</a> | Crash on IKEv2 cluster hub when anyconnect client tries reconnect       |
| <a href="#">CSCUv79429</a> | IPSEC: static reverse-route is removed after retransmissions in IKMP    |
| <a href="#">CSCUv26780</a> | Memory leak when qos pre-classify is configured with Crypto             |
| <a href="#">CSCUr18715</a> | CUCM native queue call disconnect due to Application AckTimer expire    |
| <a href="#">CSCUv88270</a> | Duplicate hsrp vmac entries after OTV AEDs fail over                    |
| <a href="#">CSCUu77927</a> | OTV stuck in inactive status when failover due to missing isis vlan tlv |
| <a href="#">CSCUu83204</a> | Tracebacks are seen after DHCP address was assigned from secondary pool |
| <a href="#">CSCUv37210</a> | SM-X-1T3/E3 show controller serial x/y crashes 3900e                    |

| Identifier                 | Description  |
|----------------------------|--|
| <a href="#">CSCut58291</a> | Crash in L4F (tup_lookup_func) with CWS configured on the router         |
| <a href="#">CSCuq70725</a> | LDAP Address Error at ldap_clear_transaction_all                         |
| <a href="#">CSCus48386</a> | POODLE related fix : LDAPv3 client REQUIRED to support TLS               |
| <a href="#">CSCuv60931</a> | Memory leak pa_get_scratchpad @ Pi29                                     |
| <a href="#">CSCuq82122</a> | SSTE: Router crashed @mace_dp_remove_feature_object_for_cli              |
| <a href="#">CSCuu12600</a> | SR is not working fine in mk2fc2-sup720 device                           |
| <a href="#">CSCus61461</a> | Terminator crashed with Extranet configuration                           |
| <a href="#">CSCuv02246</a> | With access interface flap, traffic doesnt switch back to data mdt.      |
| <a href="#">CSCuu90695</a> | DM/SM boundary (S,G) are not repopulated: Multicast Missing Registration |
| <a href="#">CSCuv37022</a> | Extranet MVPN traffic is getting dropped & not switched to data MDT      |
| <a href="#">CSCuw49097</a> | Loss of communication between IOS and Modem                              |
| <a href="#">CSCuv15708</a> | PI29:Traceback seen on bgp_lmm_vpn_label_alloc                           |
| <a href="#">CSCuu92423</a> | NBAR: memory leak in nbar control-plane causes crash in IOSd             |
| <a href="#">CSCuw32937</a> | NBAR: memory leak in NBAR CP when AVC is active                          |
| <a href="#">CSCuv76175</a> | Branch MC publish globals (5) service type override hub MC's publish     |
| <a href="#">CSCuv49459</a> | dVPN: memory leaking and traceback@cent_ipc_ext_int_notify               |
| <a href="#">CSCuv02300</a> | PfRv3 - crashed at __be_cent_capability_xml_encode                       |
| <a href="#">CSCuv36350</a> | PfRv3 - inaccurate Channel Egress Bandwidth in sh domain <d> mas channel |
| <a href="#">CSCuu70896</a> | PfRv3 - path-id 0:0 shows in output of sh domain iwan master status      |
| <a href="#">CSCuw51471</a> | PfRv3 - SYS-3-CPUHOG process CENT-BR-green with 1 Traffic-class          |
| <a href="#">CSCuv07769</a> | PfRv3 crashed at _be_cent_coll_nfv9_process due to memory fragmentation  |
| <a href="#">CSCuu76165</a> | PfRV3: stale channel status with TCA 00:00:00 later, never recover       |
| <a href="#">CSCuv83586</a> | PI25: channel flapping with NBAR based QoS Policy for NTT                |
| <a href="#">CSCuw27773</a> | Suppress TCA when channel has no next hop                                |
| <a href="#">CSCuv77045</a> | TC cannot be delete on PD side when site-prefix is deleted               |
| <a href="#">CSCuv65370</a> | Avoid any action on Leap SEcond indictor flag for non-leap second months |
| <a href="#">CSCuv23475</a> | CPUHOG and crash on "no network 0.0.0.0" with vnet configuration on intf |
| <a href="#">CSCus68229</a> | Memory leak in OSPFv3R   |

| Identifier                 | Description  |
|----------------------------|--|
| <a href="#">CSCUv22992</a> | PFR router crashes due to watchdog when displaying config                |
| <a href="#">CSCUu98524</a> | PFR/OER related IOS crash  |
| <a href="#">CSCUu97977</a> | Pfiv2 load-balance not working with passive mode.                        |
| <a href="#">CSCUu68144</a> | Crypto CA process Traceback after PnP preprovisioned rule match          |
| <a href="#">CSCUu18348</a> | IOS PKI HA fails to initialize on standby router after reload or upgrade |
| <a href="#">CSCUu81737</a> | Router crashes when using crypto   |
| <a href="#">CSCUu46604</a> | Router crashes when a failed primary link comes back up                  |
| <a href="#">CSCUu68862</a> | SUP crash @ Process = SNMP ENGINE  |
| <a href="#">CSCUu82607</a> | Evaluation of all for OpenSSL June 2015                                  |
| <a href="#">CSCUs88868</a> | IOS openssl leak observed with SSL Anyconnect VPN                        |
| <a href="#">CSCUt35260</a> | SSL Handshake failure with rc4-128-md5 cipher on ASR/ISR platforms       |
| <a href="#">CSCUv38711</a> | Router crash at SSLVPN_PROCESS   |
| <a href="#">CSCUv11468</a> | TCP accesses the ARP table in Interrupt context                          |
| <a href="#">CSCUw47130</a> | STCAPP commands gets removed after reloading 43XX/44XX routers           |
| <a href="#">CSCUq24202</a> | Cisco IOS TCL script interpreter privilege escalation vulnerability      |
| <a href="#">CSCUv51901</a> | ASR1K BGP send UPDATE don't observe the TCP OPTION                       |
| <a href="#">CSCUv87609</a> | QoS Policing and queuing broken on ATM Bridged interface for IPv4/v6     |
| <a href="#">CSCUr67691</a> | Continuous reload issues seen on ASR1K B2B Redundancy                    |
| <a href="#">CSCUu60542</a> | Route crashed at KA in function flex_dsprm_send_vtsp_alarm_indication    |
| <a href="#">CSCUv34164</a> | Crash after SCCP session tear down via no sccp command                   |
| <a href="#">CSCUw26259</a> | SIP SUBSCRIBE msg is responding back with 503 Service Unavailable        |
| <a href="#">CSCUv23813</a> | Crash at be_cellular_get_mgmt_instance when no shut 1T                   |

## Open Bugs—Cisco IOS Release 15.5(3)M

Table 20: Open Bugs—Cisco IOS Release 15.5(3)M

| Identifier                 | Description   |
|----------------------------|---|
| <a href="#">CSCUj86253</a> | 2900 w/ multiple EHWIC-4ESG-P's and L2TPv3 via SVI's drops 50% multicast. |



| Identifier                 | Description   |
|----------------------------|---|
| <a href="#">CSCup94022</a> | Cloud Web Security whitelist: Crash seen after configuring the no whitelist down command during XML download. |
| <a href="#">CSCuq64532</a> | Firebee router's PIM hellos dropped intermittently in Firebee port.   |
| <a href="#">CSCuq67912</a> | Firebee: After shut/no-shut of mrouter port, IGMP snooping stops working.                                     |
| <a href="#">CSCuq70725</a> | LDAP address error at ldap_clear_transaction_all.   |
| <a href="#">CSCur09167</a> | Multicast to receiver stops when another receiver joins an aliased multicast group.                           |
| <a href="#">CSCur83620</a> | DHCP configured interface transitions to static after interface flap.   |
| <a href="#">CSCus45019</a> | Media loop detection failure.   |
| <a href="#">CSCus53310</a> | DHCP relay for IP phones not forwarded out.   |
| <a href="#">CSCus56080</a> | Memory leak in using ISM-VPN module at pse2_ge_rx_interrupt.  |
| <a href="#">CSCus76858</a> | IPS auto update failed, Internet links go down and come up.   |
| <a href="#">CSCus85701</a> | A QoS peer mismatch with NAT.   |
| <a href="#">CSCus90133</a> | IOS crashed after issuing the "test cellular 0 modem-power-cycle" command.                                    |
| <a href="#">CSCut16273</a> | On ISM with the no ip cef command, session fails with memory leak after clear crypt session.                  |
| <a href="#">CSCut16884</a> | After reloading the router, the attach and data profile changes to profile 1.                                 |
| <a href="#">CSCut25702</a> | 2960X 802.1x per user ACL blocking all traffic.   |
| <a href="#">CSCut34058</a> | Memory fragment on SM-X-1T3/E3= with serial background process.   |
| <a href="#">CSCut42645</a> | Input queue wedged on a SSLVPN enabled router.  |
| <a href="#">CSCut45177</a> | Cloud Web Security HTTPs traffic fails to load on ISR configured with NVI.                                    |
| <a href="#">CSCut57456</a> | The copy run http command crashes.  |
| <a href="#">CSCut67841</a> | Output drop on cellular interface during Wifi + LTE performance testing.                                      |
| <a href="#">CSCut85312</a> | H245 accessing free chunk.  |
| <a href="#">CSCut86321</a> | Tx hang on 2951's GigabitEthernet interface.  |
| <a href="#">CSCut96721</a> | Crash on PfR master router at oer_mc_apc_changed_prefix.  |
| <a href="#">CSCuu08872</a> | Crash on PfR master router at pfr_exp_send_tc_config_internal.  |
| <a href="#">CSCuu12283</a> | CUBE failed to create DP session on the standby for Webex flow.   |
| <a href="#">CSCuu20332</a> | FW switching with longest folder name or blank name.  |
| <a href="#">CSCuu21270</a> | Traceroute freezes the router with the ip nat enable command configured.                                      |

| Identifier | Description  |
|------------|--|
| CSCuu26303 | Router crash triggered by service policy and IPv6 traffic.                                 |
| CSCuu26920 | PfRv3: Non-unique path-ID between DCs results in channel issues.                           |
| CSCuu33351 | Input queue wedge due pool_grow_cache.   |
| CSCuu35179 | 7206VXR (NPE-G2) -VSA: Enabling HA SSO crashes the standby router.                         |
| CSCuu40244 | Memory leak in c3600_cpu_input_pak_coalesce with WebVPN enabled.                           |
| CSCuu40386 | Zone-Based Firewall HA: Routers not replicating asymmetric traffic from standby to active. |
| CSCuu44820 | Spurious memory access caused router to crash with phone proxy.                            |
| CSCuu57313 | RAI with options bound to the loopback interface does not work.                            |
| CSCuu60689 | Packets dropped by ingress ACL when IPSec + ACL is configured for IPv6.                    |
| CSCuu66041 | Reload is required after FW upgrade; otherwise FW corrupts with add FW upgrade.            |
| CSCuu68675 | C819GW-LTE-GA-EK9 - After FW upgrade, modem goes down and does not come up.                |
| CSCuu71048 | Modem's ESN value replaced by Vzw SIM's ESN after FW upgrade.                              |
| CSCuu71299 | MPLS LDP flap with %TCP-6-BADAUTH: No MD5 digest.  |
| CSCuu71473 | Rework for CSCun57148 - High CPU in FNF Cache Ager.  |
| CSCuu72850 | SNMP crash while polling EHWIC-4G-LTE-V.   |
| CSCuu73005 | PfRv3: Unreachable TCA when detected when TC aging out on remote site.                     |
| CSCuu73697 | ISM drops fragmented traffic if Virtual Reassembly is configured                           |
| CSCuu78845 | Cisco IOS 15.5 SSH authentication does not progress to next method.                        |
| CSCuu79690 | FW upgrade does not work after Dm log is off (disabled).                                   |
| CSCuu82082 | Memory corruption crash due to cont_scan_display_session.                                  |
| CSCuu84021 | FW upgrade to unsupported FW corrupts the original FW.                                     |
| CSCuu86952 | C819G-4G-GA-K9 crashes after clear interface cellular 0.                                   |
| CSCuu90168 | CUBE crashed due to memory hoding @ TCP_SOCKET.  |
| CSCuu95643 | CISCO 2921/K9 with Call Manager XML client crashes.  |
| CSCuu96199 | ISM unexpected behavior with stateful IPsec.   |
| CSCuu98027 | OnePK memory corrupt crash when repeating the show policy-map command.                     |
| CSCuu98467 | FNF stops working after a few hours.   |
| CSCuu98524 | PfR/OER related IOS crash.   |

| Identifier                 | Description  |
|----------------------------|--|
| <a href="#">CSCuv01156</a> | No command on ESR to set the password minimum length.                        |
| <a href="#">CSCuv01607</a> | Invalid SPI: Attempt to use contiguous buffer as scattered; full queue.      |
| <a href="#">CSCuv01894</a> | NMI crash: NBAR.   |
| <a href="#">CSCuv06116</a> | Cellular interface gets reset.   |
| <a href="#">CSCuv07111</a> | Cisco IOS and IOS XE devices changing the next-hop on BGP route with own IP. |
| <a href="#">CSCuv08073</a> | ECIO display value is wrong in CDMA mode.                                    |
| <a href="#">CSCuv18154</a> | Sprint 1xRTT can attach but PING does not go through.                        |

## Resolved Bugs—Cisco IOS Release 15.5(3)M

**Table 21: Resolved Bugs—Cisco IOS Release 15.5(3)M**

| Identifier                 | Description  |
|----------------------------|--|
| <a href="#">CSCuh36583</a> | Cisco ISR G2: DSP Crash due to backplane switch lockup during T1 errors.               |
| <a href="#">CSCun31438</a> | Abnormal call disconnection due under load due to DP errors.                           |
| <a href="#">CSCun94946</a> | Cisco IOS: Vulnerability in zone-based firewall.                                       |
| <a href="#">CSCuo74823</a> | Crash when the show frame-relay multilink detail command is issued.                    |
| <a href="#">CSCuo75572</a> | Cisco IOS Software IKEv2 Denial of Service Vulnerabilities                             |
| <a href="#">CSCup32531</a> | Both ESPs crash at AOM parent when flapping 6K FlexVPN sessions.                       |
| <a href="#">CSCup67654</a> | ISM-VPN module crash due to memory leak: Traceback = 1000b8a0 or 1000b8c0.             |
| <a href="#">CSCuq59704</a> | W153657-SDK APIs return errors.  |
| <a href="#">CSCuq91734</a> | NHRP packets are dropped after Easy VPN decryption.                                    |
| <a href="#">CSCur01171</a> | Memory leak in MRCP_CLIENT in add_to_hoststatus_table.                                 |
| <a href="#">CSCur23656</a> | Cisco IOS and IOSd in IOS XE Release: Evaluation of SSLv3 POODLE vulnerability.        |
| <a href="#">CSCur29582</a> | IPSec VPN: Removal of crypto-map command kills BFD session forever.                    |
| <a href="#">CSCur45606</a> | Logging discriminator does not work.   |
| <a href="#">CSCur54389</a> | SRTP-RTP call with HOLD/RESUME disconnected.   |
| <a href="#">CSCur63914</a> | IOS zone-based firewall not clearing half-open MSRPC sessions and these sessions hang. |
| <a href="#">CSCur66140</a> | Import of global routes to VRF fails.  |

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|------------|--|
| CSCur70959 | Memory leak @ sipContentObjPvtSetBody.   |
| CSCur78325 | Enrollment retry is not happening during initial enrollment/auto-enroll.             |
| CSCur77354 | Router reloads due to dhcpc_addr_purge accessing a previously freed IPL.             |
| CSCur82431 | Failure of path confirmation in multiparty adhoc conference call.                    |
| CSCur83129 | Error message: SOC4E command fail seen in live network.                              |
| CSCur88684 | C897VAB Ethernet0: Output-queue stuck in full state (40/40).                         |
| CSCur96758 | DDNS not updating the change in URL.   |
| CSCur96943 | CCSIP_SPI_CONTROL leak in sippmh_parse_record_route.                                 |
| CSCus07134 | Redundancy inter-device broken with security ipsec.                                  |
| CSCus13902 | Failure seen in OER border router functionality.                                     |
| CSCus26844 | Interrupt stack overrun and crash caused by MPLS recursive tunnel lookup.            |
| CSCus48378 | CNS feature required to support TLS.   |
| CSCus48386 | LDAPv3 client required to support TLS.   |
| CSCus51038 | Media forking fails for a Do-EO call in flow through mode.                           |
| CSCus54238 | PKI “revocation check crl none” does not fallback if CRL is not available.           |
| CSCus54365 | Memory leak in tlv_calloc.   |
| CSCus65095 | SSTE: QoS pre-classify was broken.   |
| CSCus66497 | IOSv instances stop responding.  |
| CSCus68017 | Ping over mismatch-link efm-bond in auto mode fail due to fcs error.                 |
| CSCus68229 | Memory leak in OSPFv3.   |
| CSCus72019 | DHCP server crash when DHCP client interface transitions to shutdown or no shutdown. |
| CSCus72257 | 50% ping failure with IPv6 dual stack and dialer configured.                         |
| CSCus73816 | C888-K9 is not working with Cisco IOS Release 55-1.23.T image.                       |
| CSCus74192 | Link down event does not flush the routes correctly with ISIS.                       |
| CSCus75537 | Add the TLS_RSA_WITH_AES_128_CBC_SHA cipher suite support for VXML httpc             |
| CSCus75907 | Router crashes when Fax T38 protocol configured.                                     |
| CSCus77335 | Tags are not set for OSPF/EIGRP packets with VRF.                                    |
| CSCus77343 | DSMP crash while doing OIR or module reload when active call exists.                 |
| CSCus77875 | List headers leak verified cert chain Held CCSIP_TLS_SOCKET & Chunk Manager.         |

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| <a href="#">CSCus78750</a> | 6RD: Knob to disable security check missing.   |
| <a href="#">CSCus80423</a> | CISCO1921/K9 / DNS process caused CPU hog and router crash.                                  |
| <a href="#">CSCus89274</a> | Crash with NAT/reflective ACL and TCP session going through the box.                         |
| <a href="#">CSCus89791</a> | Codec g722-64 crash during dial tone with country code.                                      |
| <a href="#">CSCus91250</a> | Basic call in conference block scenarios fail with Cisco IOS Release 15.5(1.23)T0.2 version. |
| <a href="#">CSCus92437</a> | VXML gateway crashes when video needs to be played to caller in queue.                       |
| <a href="#">CSCus94048</a> | Traffic policing technique is not working over ATM interface.                                |
| <a href="#">CSCus95226</a> | Compact flash corruption due to call-home directory being created.                           |
| <a href="#">CSCus95936</a> | BRI goes down when a policy-map is applied directly.   |
| <a href="#">CSCus97420</a> | httpc crash at on more http:/' command.  |
| <a href="#">CSCut03793</a> | IGMP snooping on VLAN remains in disabled state even after enabling.                         |
| <a href="#">CSCut08626</a> | DSMP crash at DSP packet buffer allocation.  |
| <a href="#">CSCut11714</a> | Router crash on defaulting interface with CFM configuration.                                 |
| <a href="#">CSCut17865</a> | Cisco ASR 1000 Series Routers: 13RU IOSd crash @PnP Agent Discovery after router reload.     |
| <a href="#">CSCut18365</a> | Tracebacks found @ moh_multicast_rcv_input.  |
| <a href="#">CSCut24140</a> | Old active not coming up after first SSO; also seeing a traceback.                           |
| <a href="#">CSCuu26224</a> | CUBE with SRTP fallback will crash when call hit on incoming dial-peer 0.                    |
| <a href="#">CSCut26305</a> | Cisco CSR1000 V: next reload license level is not working.                                   |
| <a href="#">CSCut27260</a> | Not able to boot with Cisco IOS Release 15.5(2.3)T image on C867VAE-W-A-K9 platform.         |
| <a href="#">CSCut27272</a> | CPUHOG and crash due to Auth Manager process.  |
| <a href="#">CSCut28445</a> | CSCur47160 broke load balancing.   |
| <a href="#">CSCut30579</a> | Dynamic PBR policy inconsistent & never update after path failover.                          |
| <a href="#">CSCut38455</a> | Cisco Anyconnect SSL connectivity issues after some period of time.                          |
| <a href="#">CSCut45089</a> | CWMP configuration apply failure.  |
| <a href="#">CSCut47025</a> | BGP-FS of VRF configure command is changed in show running.                                  |
| <a href="#">CSCut48038</a> | The cdma gps nmea command is not getting configured.   |
| <a href="#">CSCut53686</a> | When a 3G call is dropped, it does not re-establish.   |
| <a href="#">CSCut66144</a> | VXML GW fails to handoff call to VXML application on second VRU leg.                         |
| <a href="#">CSCut67877</a> | IOS crashes when changing tunnel destination on a tunnel with QoS.                           |

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|----------------------------|---|
| <a href="#">CSCut68920</a> | Polycom IP Phone not working with new IOS version on Cisco 1941.        |
| <a href="#">CSCut78892</a> | Router crashes while disabling the DMVPN tunnel.                        |
| <a href="#">CSCut87425</a> | CPU hog in EEM TCL Proc after TCL script termination with long runtime. |
| <a href="#">CSCut92745</a> | Crash while placing MLPP calls.   |
| <a href="#">CSCut98205</a> | Cisco 5760 lost configuration after upgrade.                            |
| <a href="#">CSCut99412</a> | Router crashing while configuring security policies via CCP Express.    |
| <a href="#">CSCut99533</a> | Router Crash @ pa_fo_dead, pa_dp_producer_pkt.                          |
| <a href="#">CSCuu00059</a> | IOS zone-based firewall not clearing half-open MSRPC sessions.          |
| <a href="#">CSCuu21802</a> | Cores and TBs noted on Cisco IOS XE Release 3.16S running live traffic. |
| <a href="#">CSCuu24780</a> | Flash corruption when router crashes on bootup.                         |
| <a href="#">CSCuu36041</a> | VPLS BGP AD resignal time takes ~20-40s for multi-homing scenario.      |
| <a href="#">CSCuu84323</a> | VZW & Sprint can attach but cannot ping in 2G/3G mode.                  |