

Caveats Resolved in Release 12.2(33)SXH

Resolved AAA Caveats

- [CSCsg88561](#)—Resolved in 12.2(33)SXH

Symptom: When accessing VTY lines configured for TACACS AAA authentication, the remote access session will not get access to the device.

Conditions: If using TACACS for VTY user authentication the remote access session will stop being processed after the username and password have been entered. Operation of the device continues as per normal, just the remote VTY session can not be used.

Limited to C7600 ONLY.

Workaround: Local Authentication or RADIUS could be used as a workaround.

Resolved Content Caveats

- [CSCsi46028](#)—Resolved in 12.2(33)SXH

Symptom: On routers that are configured for WCCP, interfaces that are connected to the content engine can become locked. By locked what is meant is that the interface driver is in a state where the physical interface will stop sending and receiving packets.

Conditions: This issue has been introduced by [CSCuk61396](#), only the images that have the fix for [CSCuk61396](#) are affected by this issue.

Workaround: There are no workarounds. If an interface becomes locked, the only way to recover the system is to do a reload.

Resolved Infrastructure Caveats

- [CSCsc64976](#)—Resolved in 12.2(33)SXH

A vulnerability exists in the IOS HTTP server in which HTML code inserted into dynamically generated output, such as the output from a show buffers command, will be passed to the browser requesting the page. This HTML code could be interpreted by the client browser and potentially execute malicious commands against the device or other possible cross-site scripting attacks. Successful exploitation of this vulnerability requires that a user browse a page containing dynamic content in which HTML commands have been injected.

Cisco will be making free software available to address this vulnerability for affected customers. There are workarounds available to mitigate the effects of the vulnerability.

This advisory is posted at <http://www.cisco.com/en/US/products/csa/cisco-sa-20051201-http.html>

- [CSCsi13344](#)—Resolved in 12.2(33)SXH

Symptom: Three separate Cisco IOS Hypertext Transfer Protocol (HTTP) cross-site scripting (XSS) vulnerabilities and a cross-site request forgery (CSRF) vulnerability have been reported to Cisco by three independent researchers.

The Cisco Security Response is posted at the following link:

<http://tools.cisco.com/security/center/content/CiscoSecurityResponse/cisco-sr-20090114-http>

Conditions: See “Additional Information” section in the posted response for further details.

Workarounds: See “Workaround” section in the posted response for further details.

- [CSCsf04754](#)—Resolved in 12.2(33)SXH

Multiple Cisco products contain either of two authentication vulnerabilities in the Simple Network Management Protocol version 3 (SNMPv3) feature. These vulnerabilities can be exploited when processing a malformed SNMPv3 message. These vulnerabilities could allow the disclosure of

network information or may enable an attacker to perform configuration changes to vulnerable devices. The SNMP server is an optional service that is disabled by default. Only SNMPv3 is impacted by these vulnerabilities. Workarounds are available for mitigating the impact of the vulnerabilities described in this document.

The United States Computer Emergency Response Team (US-CERT) has assigned Vulnerability Note VU#878044 to these vulnerabilities.

Common Vulnerabilities and Exposures (CVE) identifier CVE-2008-0960 has been assigned to these vulnerabilities.

This advisory will be posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20080610-snmppv3.html>

Resolved IPServices Caveats

- [CSCsh04686](#)—Resolved in 12.2(33)SXH

Symptoms: With X.25 over TCP (XOT) enabled on a router or Catalyst switch, malformed traffic that is sent to TCP port 1998 causes the device to reload. This symptom was first observed in Cisco IOS Release 12.2(31)SB2.

Conditions: This symptom is observed only when X.25 routing is enabled on the device.

Workaround: Use IPsec or other tunneling mechanisms to protect XOT traffic. Also, apply ACLs on affected devices so that traffic is accepted only from trusted tunnel endpoints.

- [CSCsi39674](#)—Resolved in 12.2(33)SXH

Symptom: Devices may reload upon receiving multiple short lived TCP sessions to the telnet port.

Conditions: Devices that run IOS and support IOS Software Modularity are affected. Images that support IOS Software Modularity will have “-vz” in their image name.

- [CSCse56501](#)—Resolved in 12.2(33)SXH

A device running Cisco IOS software that has Internet Protocol version 6 (IPv6) enabled may be subject to a denial of service (DoS) attack. For the device to be affected by this vulnerability the device also has to have certain Internet Protocol version 4 (IPv4) User Datagram Protocol (UDP) services enabled. To exploit this vulnerability an offending IPv6 packet must be targeted to the device. Packets that are routed throughout the router can not trigger this vulnerability. Successful exploitation will prevent the interface from receiving any additional traffic. The only exception is Resource Reservation Protocol (RSVP) service, which if exploited, will cause the device to crash. Only the interface on which the vulnerability was exploited will be affected.

Cisco is providing fixed software to address this issue. There are workarounds available to mitigate the effects of the vulnerability.

This advisory is posted at

<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20080326-IPv4IPv6>

- [CSCek37177](#)—Resolved in 12.2(33)SXH

The Cisco IOS Transmission Control Protocol (TCP) listener in certain versions of Cisco IOS software is vulnerable to a remotely-exploitable memory leak that may lead to a denial of service condition.

This vulnerability only applies to traffic destined to the Cisco IOS device. Traffic transiting the Cisco IOS device will not trigger this vulnerability.

Cisco has made free software available to address this vulnerability for affected customers.

This issue is documented as Cisco bug ID [CSCek37177](#)

There are workarounds available to mitigate the effects of the vulnerability.

This advisory is posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20070124-crafted-tcp.html>

Resolved LAN Caveats

- [CSCsd34759](#)—Resolved in 12.2(33)SXH

Symptom: The VTP feature in certain versions of Cisco IOS software may be vulnerable to a crafted packet sent from the local network segment which may lead to denial of service condition.

Conditions: The packets must be received on a trunk enabled port.

Further Information

On the 13th September 2006, Phenoelit Group posted an advisory containing three vulnerabilities:

- VTP Version field DoS
- Integer Wrap in VTP revision
- Buffer Overflow in VTP VLAN name

These vulnerabilities are addressed by Cisco IDs:

- [CSCsd52629](#)/[CSCsd34759](#) -- VTP version field DoS
- [CSCse40078](#)/[CSCse47765](#) -- Integer Wrap in VTP revision
- [CSCsd34855](#)/[CSCei54611](#) -- Buffer Overflow in VTP VLAN name

Cisco's statement and further information are available on the Cisco public website at

<http://tools.cisco.com/security/center/content/CiscoSecurityResponse/cisco-sr-20060913-vtp>

Resolved Legacy Protocols Caveats

- [CSCsf28840](#)—Resolved in 12.2(33)SXH

A vulnerability exists in the Data-link Switching (DLSw) feature in Cisco IOS where an invalid value in a DLSw message could result in a reload of the DLSw device. Successful exploitation of this vulnerability requires that an attacker be able to establish a DLSw connection to the device.

There are workarounds available for this vulnerability.

This advisory is posted at <http://www.cisco.com/en/US/products/csa/cisco-sa-20070110-dlsw.html>

Resolved Management Caveats

- [CSCsf07847](#)—Resolved in 12.2(33)SXH

Symptoms: Specifically crafted CDP packets can cause a router to allocate and keep extra memory. Exploitation of this behaviour by sending multiple specifically crafted CDP packets could cause memory allocation problems on the router.

Conditions: This issue occurs in IOS images that has the fix for [CSCse85200](#).

Workaround: Disable CDP on interfaces where CDP is not required.

Further Problem Description: Because CDP is a Layer-2 protocol, the symptom can only be triggered by routers that reside on the same network segment.

Resolved MPLS Caveats

- [CSCsa52940](#)—Resolved in 12.2(33)SXH

Symptoms: A Cisco HE router running MPLS traffic engineering may crash with a memory corruption footprint or with a bus error. If the P and PE routers are running a release prior to 12.0(26)S or 12.2S Cascades, then all of the downstream midpoint routers may crash with similar symptoms.

Conditions: More than 10 LSPs for a single MPLS-TE session must be signalled in a specific way, which is not supported nor used by Cisco IOS.

Multiple LSPs for a single session will only happen when the router is under great stress because of many tunnels or breakage somewhere else in the network.

Note that this is not a problem when MPLS-TE tunnels are signalled with verbatim LSPs, because Cisco routers signal verbatim LSPs do not use this type of signalling.

Workaround: None

Resolved Multicast Caveats

- [CSCse15770](#)—Resolved in 12.2(33)SXH

Symptom: IOS device may reload unexpectedly

Conditions: The Multicast Routing Monitor (MRM) feature must be enabled and corrupted traffic is received by the MRM responder.

Workarounds: Disable the MRM feature,

Resolved Routing Caveats

- [CSCec12299](#)—Resolved in 12.2(33)SXH

Devices running Cisco IOS versions 12.0S, 12.2, 12.3 or 12.4 and configured for Multiprotocol Label Switching (MPLS) Virtual Private Networks (VPNs) or VPN Routing and Forwarding Lite (VRF Lite) and using Border Gateway Protocol (BGP) between Customer Edge (CE) and Provider Edge (PE) devices may permit information to propagate between VPNs.

Workarounds are available to help mitigate this vulnerability.

This issue is triggered by a logic error when processing extended communities on the PE device.

This issue cannot be deterministically exploited by an attacker.

Cisco has released free software updates that address these vulnerabilities. Workarounds that mitigate these vulnerabilities are available.

This advisory is posted at

<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20080924-vpn>

- [CSCed40933](#)—Resolved in 12.2(33)SXH

Cisco Internetwork Operating System (IOS) Software is vulnerable to a Denial of Service (DoS) attack from crafted IPv6 packets when the device has been configured to process IPv6 traffic. This vulnerability requires multiple crafted packets to be sent to the device which may result in a reload upon successful exploitation.

More details can be found in the security advisory which is posted at

<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20050126-ipv6>.

- [CSCef67682](#)—Resolved in 12.2(33)SXH

Reception of certain IPv6 fragments with carefully crafted illegal contents may cause a router running Cisco IOS to reload if it has IPv6 configured. This applies to all versions of Cisco IOS that include support for IPv6.

The system may be protected by installing appropriate access lists to filter all IPv6 fragments destined for the system. For example:

```
interface Ethernet0/0
  ipv6 traffic-filter nofragments in
!
ipv6 access-list nofragments
  deny ipv6 any <my address1> undetermined-transport
  deny ipv6 any <my address2> fragments
  permit ipv6 any any
```

This must be applied across all interfaces, and must be applied to all IPv6 addresses which the system recognises as its own.

This will effectively disable reassembly of all IPv6 fragments. Some networks may rely on IPv6 fragmentation, so careful consideration should be given before applying this workaround.

We would recommend for customers to upgrade to the fixed IOS release. All IOS releases listed in IPv6 Routing Header Vulnerability Advisory at <http://www.cisco.com/en/US/products/csa/cisco-sa-20070124-IOS-IPv6.html> contain fixes for this issue.

- [CSCsd58381](#)—Resolved in 12.2(33)SXH

Processing a specially crafted IPv6 Type 0 Routing header can crash a device running Cisco IOS software. This vulnerability does not affect IPv6 Type 2 Routing header which is used in mobile IPv6. IPv6 is not enabled by default in Cisco IOS.

Cisco has made free software available to address this vulnerability for affected customers.

There are workarounds available to mitigate the effects of the vulnerability. The workaround depends on if Mobile IPv6 is used and what version on Cisco IOS is being currently used.

This advisory is posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20070124-IOS-IPv6.html>

Resolved Security Caveats

- [CSCsg40567](#)—Resolved in 12.2(33)SXH

Symptoms: Malformed SSL packets may cause a router to leak multiple memory blocks.

Conditions: This symptom is observed on a Cisco router that has the **ip http secure server** command enabled.

Workaround: Disable the **ip http secure server** command.

- [CSCsc19259](#)—Resolved in 12.2(33)SXH

The server side of the Secure Copy (SCP) implementation in Cisco Internetwork Operating System (IOS) contains a vulnerability that allows any valid user, regardless of privilege level, to transfer files to and from an IOS device that is configured to be a Secure Copy server. This vulnerability could allow valid users to retrieve or write to any file on the device's filesystem, including the device's saved configuration. This configuration file may include passwords or other sensitive information.

The IOS Secure Copy Server is an optional service that is disabled by default. Devices that are not specifically configured to enable the IOS Secure Copy Server service are not affected by this vulnerability.

This vulnerability does not apply to the IOS Secure Copy Client feature.

This advisory is posted at <http://www.cisco.com/en/US/products/csa/cisco-sa-20070808-scp.html>.

- [CSCse50135](#)—Resolved in 12.2(33)SXH

Symptom: Using scripts to access a Cisco IOS device may bypass the command authorization feature.

Conditions: AAA is configured

Workarounds: None

- [CSCsd85587](#)—Resolved in 12.2(33)SXH

A vulnerability has been discovered in a third party cryptographic library which is used by a number of Cisco products. This vulnerability may be triggered when a malformed Abstract Syntax Notation One (ASN.1) object is parsed. Due to the nature of the vulnerability it may be possible, in some cases, to trigger this vulnerability without a valid certificate or valid application-layer credentials (such as a valid username or password).

Successful repeated exploitation of any of these vulnerabilities may lead to a sustained Denial-of-Service (DoS); however, vulnerabilities are not known to compromise either the confidentiality or integrity of the data or the device. These vulnerabilities are not believed to allow an attacker will not be able to decrypt any previously encrypted information.

The vulnerable cryptographic library is used in the following Cisco products:

- Cisco IOS, documented as Cisco bug ID [CSCsd85587](#)
- Cisco IOS XR, documented as Cisco bug ID [CSCsg41084](#)
- Cisco PIX and ASA Security Appliances, documented as Cisco bug ID [CSCse91999](#)
- Cisco Unified CallManager, documented as Cisco bug ID [CSCsg44348](#)
- Cisco Firewall Service Module (FWSM) [CSCsi97695](#)

This vulnerability is also being tracked by CERT/CC as VU#754281.

Cisco has made free software available to address this vulnerability for affected customers. There are no workarounds available to mitigate the effects of the vulnerability.

This advisory is posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20070522-crypto.html>.

Note: Another related advisory is posted together with this Advisory. It also describes vulnerabilities related to cryptography that affect Cisco IOS. A combined software table for Cisco IOS only is available at

<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20070522-crypto> and can be used to choose a software release which fixes all security vulnerabilities published as of May 22, 2007. The related advisory is published at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20070522-SSL.html>

- [CSCse24889](#)—Resolved in 12.2(33)SXH

Symptoms: Malformed SSH version 2 packets may cause a memory leak, causing the platform to operate under a degraded condition. Under rare circumstances, the platform may reload to recover itself.

Conditions: This symptom is observed on a Cisco platform that is configured for SSH version 2 after it has received malformed SSHv2 packets.

Workaround: As an interim solution until the affected platform can be upgraded to a Cisco IOS software image that contains the fix for caveat [CSCse24889](#), configure SSH version 1 from the global configuration mode, as in the following example:

```
config t
ip ssh version 1 end
```

Alternate Workaround: Permit only known trusted hosts and/or networks to connect to the router by creating a vty access list, as in the following example:

```
10.1.1.0/24 is a trusted network that is permitted access to the router, all other
access is denied
access-list 99 permit 10.1.1.0 0.0.0.255 access-list 99 deny any
line vty 0 4 access-class 99 in end
```

Further Problem Description: For information about configuring vty access lists, see the Controlling Access to a Virtual Terminal Line document:

http://www.cisco.com/en/US/docs/ios/security/configuration/guide/sec_cntrl_acc_vtl.html

For information about SSH, see the Configuring Secure Shell on Routers and Switches Running Cisco IOS document:

http://www.cisco.com/en/US/tech/tk583/tk617/technologies_tech_note09186a00800949e2.shtml

Resolved Unknown Caveats

- [CSCek49649](#)—Resolved in 12.2(33)SXH

Symptoms: Cisco Catalyst 6500 and Cisco 7600 modules are reachable via 127.0.0.x addresses.

Conditions: Cisco Catalyst 6500 and Cisco 7600 series devices use addresses from the 127.0.0.0/8 (loopback) range in the Ethernet Out-of-Band Channel (EOBC) for internal communication.

Addresses from this range that are used in the EOBC on Cisco Catalyst 6500 and Cisco 7600 series devices are accessible from outside of the system. The Supervisor module, Multilayer Switch Feature Card (MSFC), or any other intelligent module may receive and process packets that are destined for the 127.0.0.0/8 network. An attacker can exploit this behavior to bypass existing access control lists; however, an exploit will not allow an attacker to bypass authentication or authorization. Valid authentication credentials are still required to access the module in question.

Per RFC 3330, a packet that is sent to an address anywhere within the 127.0.0.0/8 address range should loop back inside the host and should never reach the physical network. However, some host implementations send packets to addresses in the 127.0.0.0/8 range outside their Network Interface Card (NIC) and to the network. Certain implementations that normally do not send packets to addresses in the 127.0.0.0/8 range may also be configured to do so..

Destination addresses in the 127.0.0.0/8 range are not routed on the Internet. This factor limits the exposure of this issue.

This issue is applicable to systems that run Hybrid Mode (Catalyst OS (CatOS) software on the Supervisor Engine and IOS Software on the MSFC) and Native Mode (IOS Software on both the Supervisor Engine and the MSFC).

Workaround: Administrators can apply an access control list that filters packets to the 127.0.0.0/8 address range to interfaces where attacks may be launched.

```
ip access-list extended block_loopback
deny ip any 127.0.0.0 0.255.255.255
permit ip any any
```

```

interface Vlan x
 ip access-group block_loopback in

```

Control Plane Policing (CoPP) can be used to block traffic with a destination IP address in the 127.0.0.0/8 address range sent to the device. Cisco IOS Software releases 12.0S, 12.2SX, 12.2S, 12.3T, 12.4, and 12.4T support the CoPP feature. CoPP may be configured on a device to protect the management and control planes to minimize the risk and effectiveness of direct infrastructure attacks. CoPP protects the management and control planes by explicitly permitting only authorized traffic that is sent to infrastructure devices in accordance with existing security policies and configurations.

```

!-- Permit all traffic with a destination IP
!-- addresses in the 127.0.0.0/8 address range sent to
!-- the affected device so that it will be policed and
!-- dropped by the CoPP feature
!
access-list 111 permit icmp any 127.0.0.0 0.255.255.255
access-list 111 permit udp any 127.0.0.0 0.255.255.255
access-list 111 permit tcp any 127.0.0.0 0.255.255.255
access-list 111 permit ip any 127.0.0.0 0.255.255.255
!
!-- Permit (Police or Drop)/Deny (Allow) all other Layer3
!-- and Layer4 traffic in accordance with existing security
!-- policies and configurations for traffic that is authorized
!-- to be sent to infrastructure devices
!
!-- Create a Class-Map for traffic to be policed by the
!-- CoPP feature
!
class-map match-all drop-127/8-netblock-class
 match access-group 111
!
!-- Create a Policy-Map that will be applied to the
!-- Control-Plane of the device.
!
policy-map drop-127/8-netblock-traffic
 class drop-127/8-netblock-class
  police 32000 1500 1500 conform-action drop exceed-action drop
!
!-- Apply the Policy-Map to the Control-Plane of the
!-- device
!
control-plane
 service-policy input drop-127/8-netblock-traffic
!

```

Additional information on the configuration and use of the CoPP feature is available at the following links:

http://www.cisco.com/en/US/prod/collateral/iosswrel/ps6537/ps6586/ps6642/prod_white_paper0900aecd804fa16a.html

Infrastructure Access Control Lists (iACLs) are also considered a network security best practice and should be considered as, long-term additions to effective network security as well as a workaround for this specific issue. The white paper entitled “Protecting Your Core: Infrastructure Protection Access Control Lists” presents guidelines and recommended deployment techniques for infrastructure protection ACLs. The white paper is available at the following link:

http://www.cisco.com/en/US/tech/tk648/tk361/technologies_white_paper09186a00801a1a55.shtml

- [CSCsd68605](#)—Resolved in 12.2(33)SXH

Symptoms: If a spoke cannot complete IKE phase I because of a bad certificate, the failed IKE sessions may not be deleted on an IPSec/IKE responder. Such failed sessions may accumulate, eventually causing router instability. These failed sessions can be seen in the output of the **show crypto isakmp sa | i MM** command:

```
172.18.95.21    10.253.34.80    MM_KEY_EXCH      898    0 ACTIVE
172.18.95.21    10.253.34.80    MM_KEY_EXCH      896    0 ACTIVE
172.18.95.21    10.253.34.80    MM_KEY_EXCH      895    0 ACTIVE
172.18.95.21    10.253.34.80    MM_KEY_EXCH      894    0 ACTIVE
172.18.95.21    10.253.34.80    MM_KEY_EXCH      893    0 ACTIVE
...
```

Conditions: These symptoms are observed when RSA signatures are used as the authentication method.

- [CSCsd75273](#)—Resolved in 12.2(33)SXH

Cisco Catalyst 6500, 6500 series and Cisco 7600 series that have a Network Analysis Module installed are vulnerable to an attack, which could allow an attacker to gain complete control of the system. Only Cisco Catalyst systems that have a NAM on them are affected. This vulnerability affects systems that run Internetwork Operating System (IOS) or Catalyst Operating System (CatOS).

Cisco has made free software available to address this vulnerability for affected customers.

A Cisco Security Advisory for this vulnerability is posted at
<http://www.cisco.com/en/US/products/csa/cisco-sa-20070228-nam.html>

- [CSCsf12082](#)—Resolved in 12.2(33)SXH

Certain Cisco Catalyst 6500 Series and Cisco 7600 Router devices that run branches of Cisco IOS based on 12.2 can be vulnerable to a denial of service vulnerability that can prevent any traffic from entering an affected interface. For a device to be vulnerable, it must be configured for Open Shortest Path First (OSPF) Sham-Link and Multi Protocol Label Switching (MPLS) Virtual Private Networking (VPN). This vulnerability only affects Cisco Catalyst 6500 Series or Catalyst 7600 Series devices with the Supervisor Engine 32 (Sup32), Supervisor Engine 720 (Sup720) or Route Switch Processor 720 (RSP720) modules. The Supervisor 32, Supervisor 720, Supervisor 720-3B, Supervisor 720-3BXL, Route Switch Processor 720, Route Switch Processor 720-3C, and Route Switch Processor 720-3CXL are all potentially vulnerable.

OSPF and MPLS VPNs are not enabled by default.

This advisory is posted at
<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20080326-queue>

- [CSCsg53589](#)—Resolved in 12.2(33)SXH

Symptom: On c7600 router with DHCP Relay agent configured on unnumbered Vlan interface, DHCP packets (DHCP ACK / DHCP OFFER), coming from the DHCP server, can be padded with random bits of data and packet length field is not updated.

Conditions: DHCP Relay is configured on Vlan interface with “ip helper address”

Workaround: Disable DHCP Snooping

- [CSCsi01470](#)—Resolved in 12.2(33)SXH

A vulnerability in the Cisco implementation of Multicast Virtual Private Network (MVPN) is subject to exploitation that can allow a malicious user to create extra multicast states on the core routers or receive multicast traffic from other Multiprotocol Label Switching (MPLS) based Virtual Private Networks (VPN) by sending specially crafted messages.

Cisco has released free software updates that address this vulnerability. Workarounds that mitigate this vulnerability are available.

This advisory is posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20080326-mvpn.html>.

- [CSCsi86396](#)—Resolved in 12.2(33)SXH

Symptoms: Two subinterfaces may have the same CEF interface index.

Conditions: This symptom is observed on a Cisco Catalyst 6500 series switch and Cisco 7600 series router when the following configuration sequence occurs:

- 1) Create subinterface 1, 2, and 3.
- 2) Delete subinterface 1.
- 3) Create subinterface 4.
- 4) Enable subinterface 1.

In this situation, subinterface 1 and 4 may have the same CEF IDB.

Workaround: There is no workaround. You must reload the platform to clear the symptoms.

- [CSCsi99869](#)—Resolved in 12.2(33)SXH

Symptom: Bus error crash (signal 10) seen after the following error message:

```
%MCAST-SP-6-GC_LIMIT_EXCEEDED: MLD snooping was trying to allocate more Layer 2
entries than what allowed (7744)
```

Conditions: This has been observed on a Catalyst6500 running IOS version 12.2(18)SXF1.

Workaround: A workaround exist to disable ipv6 mld snooping via the command **no ipv6 mld snooping**.

There is no negative impact of implementing the workaround as long as there is no IPV6 multicast traffic in the network.

- [CSCsj16969](#)—Resolved in 12.2(33)SXH

Symptom: A Cisco IOS device supporting IPv6 MLD may crash with a data bus error exception and stack trace PC = 0xA0000100

Conditions: Device is running normal production traffic. Presence of malformed MLD packet in this network caused the issue.

Workaround: Disabling MLD snooping on the VLAN or globally on the box will stop the crash.

- [CSCek36513](#)—Resolved in 12.2(33)SXH

Symptom: When allocating buffers for the initial creation of a Crypto Key an error may occur that could cause the Crypto engine to generate an incorrectly sized key.

Conditions: None

Workaround: None

- [CSCse52951](#)—Resolved in 12.2(33)SXH

Cisco Catalyst 6500, 6500 series and Cisco 7600 series that have a Network Analysis Module installed are vulnerable to an attack, which could allow an attacker to gain complete control of the system. Only Cisco Catalyst systems that have a NAM on them are affected. This vulnerability affects systems that run Internetwork Operating System (IOS) or Catalyst Operating System (CatOS).

Cisco has made free software available to address this vulnerability for affected customers.

A Cisco Security Advisory for this vulnerability is posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20070228-nam.html>

- [CSCsh73972](#)—Resolved in 12.2(33)SXH

Symptom: Unicast traffic originating from a SPA card may not be encrypted

Condition: Traffic originates from a SPA card in a SIP-600. Outbound traffic is configured for GRE with tunnel protection.

Workaround: None

- [CSCsg70474](#)—Resolved in 12.2(33)SXH

Multiple voice-related vulnerabilities are identified in Cisco IOS software, one of which is also shared with Cisco Unified Communications Manager. These vulnerabilities pertain to the following protocols or features:

- Session Initiation Protocol (SIP)
- Media Gateway Control Protocol (MGCP)
- Signaling protocols H.323, H.254
- Real-time Transport Protocol (RTP)
- Facsimile reception

Cisco has made free software available to address these vulnerabilities for affected customers. Fixed Cisco IOS software listed in the Software Versions and Fixes section contains fixes for all vulnerabilities mentioned in this advisory.

There are no workarounds available to mitigate the effects of any of the vulnerabilities apart from disabling the protocol or feature itself.

This advisory is posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20070808-IOS-voice.html>.

Resolved Voice Caveats

- [CSCsd81407](#)—Resolved in 12.2(33)SXH

Multiple voice-related vulnerabilities are identified in Cisco IOS software, one of which is also shared with Cisco Unified Communications Manager. These vulnerabilities pertain to the following protocols or features:

- Session Initiation Protocol (SIP)
- Media Gateway Control Protocol (MGCP)
- Signaling protocols H.323, H.254
- Real-time Transport Protocol (RTP)
- Facsimile reception

Cisco has made free software available to address these vulnerabilities for affected customers. Fixed Cisco IOS software listed in the Software Versions and Fixes section contains fixes for all vulnerabilities mentioned in this advisory.

There are no workarounds available to mitigate the effects of any of the vulnerabilities apart from disabling the protocol or feature itself.

This advisory is posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20070808-IOS-voice.html>.

- **CSCsc60249**—Resolved in 12.2(33)SXH

Multiple voice-related vulnerabilities are identified in Cisco IOS software, one of which is also shared with Cisco Unified Communications Manager. These vulnerabilities pertain to the following protocols or features:

- Session Initiation Protocol (SIP)
- Media Gateway Control Protocol (MGCP)
- Signaling protocols H.323, H.254
- Real-time Transport Protocol (RTP)
- Facsimile reception

Cisco has made free software available to address these vulnerabilities for affected customers. Fixed Cisco IOS software listed in the Software Versions and Fixes section contains fixes for all vulnerabilities mentioned in this advisory.

There are no workarounds available to mitigate the effects of any of the vulnerabilities apart from disabling the protocol or feature itself.

This advisory is posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20070808-IOS-voice.html>.

- **CSCsi60004**—Resolved in 12.2(33)SXH

Multiple voice-related vulnerabilities are identified in Cisco IOS software, one of which is also shared with Cisco Unified Communications Manager. These vulnerabilities pertain to the following protocols or features:

- Session Initiation Protocol (SIP)
- Media Gateway Control Protocol (MGCP)
- Signaling protocols H.323, H.254
- Real-time Transport Protocol (RTP)
- Facsimile reception

Cisco has made free software available to address these vulnerabilities for affected customers. Fixed Cisco IOS software listed in the Software Versions and Fixes section contains fixes for all vulnerabilities mentioned in this advisory.

There are no workarounds available to mitigate the effects of any of the vulnerabilities apart from disabling the protocol or feature itself.

This advisory is posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20070808-IOS-voice.html>.

- [CSCeb21064](#)—Resolved in 12.2(33)SXH

Multiple voice-related vulnerabilities are identified in Cisco IOS software, one of which is also shared with Cisco Unified Communications Manager. These vulnerabilities pertain to the following protocols or features:

- Session Initiation Protocol (SIP)
- Media Gateway Control Protocol (MGCP)
- Signaling protocols H.323, H.254
- Real-time Transport Protocol (RTP)
- Facsimile reception

Cisco has made free software available to address these vulnerabilities for affected customers. Fixed Cisco IOS software listed in the Software Versions and Fixes section contains fixes for all vulnerabilities mentioned in this advisory.

There are no workarounds available to mitigate the effects of any of the vulnerabilities apart from disabling the protocol or feature itself.

This advisory is posted at

<http://www.cisco.com/en/US/products/csa/cisco-sa-20070808-IOS-voice.html>.

Other Resolved Caveats in Release 12.2(33)SXH

Identifier	Technology	Description
CSCdp33836	AAA	unhide aaa authorization console and warn user
CSCef27578	AAA	The router crashes when test aaa stop CLI is issued
CSCek46627	AAA	Accounting method list update failed .
CSCsa40461	AAA	VRF-aware TACACS+ not working with enable authentication
CSCsb11698	AAA	Input Queue Wedge with TACACs
CSCsd49317	AAA	no tacacs-server administration causes router hang .
CSCsd71301	AAA	Depending on Attribut order send from aaa server priv level assigned.
CSCsd95752	AAA	6500 TACACS message sent to wrong server .
CSCse45735	AAA	%AAAA-3-NOREG: authentication method 5 has no registry! T/B
CSCse69002	AAA	Accounting of auth failure doesn't work with some switches
CSCsf30451	AAA	radius-server attrib 32 include-in-access-req/accounting-req not sent
CSCsg43322	AAA	AAA: No free authorization/accounting lists for network
CSCsh23142	AAA	aaa local authentication not happening for authproxy .
CSCsh43536	AAA	aaa group server config lost after reboot
CSCsh46990	AAA	Console hangs with enable/line as aaa fall-back methods
CSCef35417	Access	7200:Frame-relay LMI messages are not being handled correctly
CSCef81197	Access	Rx-error throttling disabled on VIP after OIR
CSCeg55131	Access	Spurious access @mip_unchain_idb while configuring t1 controller
CSCeh01287	Access	FR/WAN over IP: Required sessions are not establised. keeps flaping
CSCei05246	Access	CE3 interface output frozen after OIR VIP6-80

Identifier	Technology	Description
CSCin88048	Access	unchannelized interface line -protocol not coming up
CSCsa64102	Access	Spurious accesses and Badshare with PA-MC-T3
CSCsa83881	Access	PA-T3+: interface port remains up during unavailable seconds
CSCsa83897	Access	PA-MC-T3: T3 port does not enter UAS during high P and C-bit error rates
CSCsa93523	Access	7200 PA-E3 incrementing carrier transitions and packet drops
CSCsb07696	Access	HYPERION-4-HYP_RESET: Hyperion Error Interrupt
CSCsb21867	Access	PA-MC-8TE1+ in Flexwan: ctrlr detects LOS after restart does not recover
CSCsb23106	Access	7206vxx with NPE-G1 bus error crash when OIR PA-2T3+
CSCsb27358	Access	PA-T3+ goes down when seeing two bursts of AIS less than 1 second each
CSCsb29894	Access	Frame relay input errors and CRC errors with reload and rpr+ switchover
CSCsb83876	Access	Interface counters stop incrementing on serial interface counter
CSCsc48543	Access	shot down E3 controller via SNMP crash the c7200 device
CSCsc66658	Access	Interfaces starts toggling when loopback local configured
CSCsc85029	Access	AIS led on pa-mc-2t3+ remains on if t3 connected after reload
CSCsc91995	Access	Spurious memory access T3 Flexwan
CSCsd41989	Access	ct3 pa: t3 controller stays down for local loopback in flexwan
CSCse06752	Access	LAM /32 cef entry shows unresolved
CSCdy11156	ATM	13E:12E:RP crashed while applying config on ATM-PA,mgd_timer_stop .
CSCea26450	ATM	PVC may stay down when interface cable is pulled out/put back rapidly
CSCef62324	ATM	router may crash upon removal of ATM subinterface with PVCs
CSCeg03837	ATM	ALIGN-3-SPURIOUS traceback in Standby RP when subinterface is configured
CSCeh71960	ATM	alignment traceback on standby RP
CSCei39688	ATM	ATM subinterface fails to pass traffic due to CEF initialization failure
CSCei45749	ATM	PVCs go inactive when clear interface atm3/ima0 command is issued
CSCek39364	ATM	CLI: HA Standby router reloads while unconfiguring atm bundle .
CSCek39946	ATM	Local Switching connectivity not recovering after switchover
CSCin94072	ATM	Bundle master should have length zero and adj complete
CSCin95455	ATM	Duplicate options displayed in connect command output .
CSCsa85850	ATM	PA-A3 allows to configure CBR at 155000 kbps .
CSCsb12329	ATM	ifAdminStatus of ATM sub-interface is down without shutdown command
CSCsc49134	ATM	Router crashes while creating ATM subinterface - ATM pvc discovery
CSCsd73881	ATM	Router gets reloaded at process_ok_to_reschedule .
CSCsd88636	ATM	Continuous RP CPUHOG by ATM OAM Input process
CSCsh39541	ATM	CEF adjacency shows incomplete on ATM int with SUP4 .
CSCsh74025	ATM	clns packets not being punted by an enhanced flexwan .
CSCdx54940	Cisco IOS	CPU utilization in 3660 is 98% with aal2 calls
CSCea16744	Cisco IOS	GBIC optical 7500 router crash on attach queueing output policy

Identifier	Technology	Description
CSCea24341	Cisco IOS	SLB real to real ICMP traffic broken with FWLB
CSCeb77318	Cisco IOS	IOS SLB: Incorrect checksum of forwarded icmp unreachable
CSCed15183	Cisco IOS	Verify ATA is supported but msg says it is not
CSCed26241	Cisco IOS	BootP Requests Modified in 12.2(15)BC1
CSCed94829	Cisco IOS	IOS reloads due to malformed IKE messages
CSCee66208	Cisco IOS	Not able to remove port config using no port under DFP
CSCee79634	Cisco IOS	Avert: IP phone is not statically authenticated on 831 using CDP
CSCee84918	Cisco IOS	DHCP snooping on 3550 drops DHCPNAKs recieved when renewing old IP
CSCef82820	Cisco IOS	Loadbalancing with >= 3 links in AToM cause VC to be down or crash
CSCeg02918	Cisco IOS	Bus Error at auth_proxy_proc_profile
CSCeg41161	Cisco IOS	Implementation of RM aging feature for EARL7 systems
CSCeg76039	Cisco IOS	Show archive log config: conf terminal, exit, ctrl+z logged
CSCeh06200	Cisco IOS	No HTTP access via TACACS if idle time configured on TACACS server
CSCeh12640	Cisco IOS	show diag # performs show diagbus # instead of amb. command msg
CSCeh21210	Cisco IOS	MF: DHCP Snooping crash when server send invalid option 82
CSCeh35237	Cisco IOS	7600: 6748GE LC OIR causes spurious mem access and traceback
CSCeh42348	Cisco IOS	PP:CWAN-QOS:DWRED is broken
CSCeh42472	Cisco IOS	Standby RSP doesnt boot because of image uncompression failures
CSCeh51550	Cisco IOS	SCP Health:LCs not responding to SCP keepalives after rpr+ for long
CSCeh56402	Cisco IOS	Shutting peer FR link crashes router
CSCeh63002	Cisco IOS	id_alloc_util_free should check for already freed ids
CSCeh78028	Cisco IOS	7600 Port-Sec: traffic fails to recover after reload
CSCeh78345	Cisco IOS	Ensure EEM policies close tty session properly upon exit.
CSCei00856	Cisco IOS	CWAN-QOS:oc-3:col2 crash with external memory address
CSCei08288	Cisco IOS	show run misses no errdisable detect cause uddl command
CSCei09247	Cisco IOS	Local serial link goes up/down when remote link is admin down
CSCei27448	Cisco IOS	Router crashes while displaying sh ip pim mdt bgp
CSCei37672	Cisco IOS	chevys/c2lc take ~ 180s before resetting following a mandatory proc exit
CSCei38036	Cisco IOS	layer 2 entry not removed when no int vlan
CSCei41088	Cisco IOS	MVPN Tunnel interface not created with BGP Confederation
CSCei46182	Cisco IOS	c6msfc2a/sup32 DEC MOP packet internally looping
CSCei48635	Cisco IOS	ChOC3/STM-1 SPA: many MFR interfaces remain down following microcode
CSCei51175	Cisco IOS	PP:R3:SIP-200:1490 bridging - CPU1 crash with egress pol on main int
CSCei52830	Cisco IOS	Banner command sync is broken by CSCin86483 .
CSCei55605	Cisco IOS	Getting Traceback on the router while scheduling Kron
CSCei58681	Cisco IOS	port channel does not form after minlinks added and removed
CSCei59601	Cisco IOS	router crashes at ac_switching_validate_fibidb

Identifier	Technology	Description
CSCei68902	Cisco IOS	Maverick: MFR interfaces could be down after SPA/router reload
CSCei72033	Cisco IOS	1xcSTM-1 SPA goes OOS upon adding 12 serial links to MFR bundle
CSCei73829	Cisco IOS	Phase 2 Rekeying with VPN Client results in volume lifetime of 0
CSCei74749	Cisco IOS	port is suspended on the standby due to flowcontrol parameters
CSCei79969	Cisco IOS	Traceback at issu_rcv_transform found on PE after VPN SSO
CSCei80699	Cisco IOS	multicast tunnel if_number numbers being duplicated
CSCei86192	Cisco IOS	PP:R3:FlexWAN+PA-8xT1/E1: RP crashed MALLOCFAIL due to loveletter
CSCei86256	Cisco IOS	Crash when typing show lacp neighbors
CSCei86313	Cisco IOS	PP:R3:FW+8xT1/E1:Stuck in LOS state after card type E1 provisioned
CSCei90238	Cisco IOS	Rainier:SIP-200: %C7600_SIP200_MP-4-PAUSE @tal_tree_item_delete
CSCei92291	Cisco IOS	Message on reload:Error in setting Reload Reason
CSCei93025	Cisco IOS	Etherchannel config changes not synched to inactive member ports
CSCei95384	Cisco IOS	PP:R3:8xT1/E1-SPA MLP: EFC ERROR/inactive after link added to bundle
CSCej02181	Cisco IOS	SLB: cannot configure weight 0
CSCej08637	Cisco IOS	Inline power sensors needed on standby to support entity mib SSO.
CSCej13660	Cisco IOS	mem leak from MallocLite allocated by crypto_kmi_add_data_to_pyld
CSCej16004	Cisco IOS	ML MTU cfg from CLI does not change the MTU operation
CSCej21515	Cisco IOS	ATM SPA DLL tuning may miss valid lock points
CSCej21520	Cisco IOS	ATM SPA: Removing APS on Protect interface causes locked console
CSCej27397	Cisco IOS	CT3 SPA: add firmware support to allow host to set overflow threshol
CSCej37803	Cisco IOS	cT3 SPA:Upgrade to IOFPGA rev2.1
CSCej63166	Cisco IOS	%LSD-4-LABEL_RESOURCE: label range is not freed
CSCej70453	Cisco IOS	Unable to control application: OER Route Map Failure
CSCej83531	Cisco IOS	isakmp sa is not up in change_hostname_ip
CSCej86188	Cisco IOS	MLS packet error syslogs should be configurable and no service int
CSCek03772	Cisco IOS	zamboni: crashes for double fragmentaion
CSCek22536	Cisco IOS	SLB high cpu with second VIP inservice and user->real traffic
CSCek22595	Cisco IOS	SLB vserver access commands break user->real traffic
CSCek22782	Cisco IOS	CSM: Configuration sync check does not work in all cases
CSCek24053	Cisco IOS	Sup720_rp: spurious memory accesses in cardifmib_get_card_index
CSCek25660	Cisco IOS	tarceback found at l2_modify_one_entry(0x207b9614)+0x48 .
CSCek26158	Cisco IOS	IOS TCL leaks memory when EEM policy triggered.
CSCek26296	Cisco IOS	PR+:p-map with a single band+shape class doesnt guarantee bandwidth .
CSCek26742	Cisco IOS	Rainier:SPA-8XCHT1/E1: All T1/E1s in DOWN after RPR+ switchover
CSCek28110	Cisco IOS	TB @ xdr_lc_check_sequence %XDR-SP-3-XDROOS rcvd after multilple SSO
CSCek28561	Cisco IOS	SIP1/ChOC3: T1/E1 BERT unusable after first run
CSCek30152	Cisco IOS	Error in calculation subrate bandwidth for Kentrox mode .

Identifier	Technology	Description
CSCek31059	Cisco IOS	mvpn:duplicate pkts are seen while crossing multiple PEs
CSCek31610	Cisco IOS	IOS changes to support sticky replication in CSM
CSCek31960	Cisco IOS	ping failed when core configured with GRE tunnel
CSCek32555	Cisco IOS	MFR i/f lineprotocol takes too long to come up after RPR+ switch
CSCek35321	Cisco IOS	ifStackTable has 2 lower layers for 4chstm1 e1 ds1 layer
CSCek35767	Cisco IOS	Need show mls statistics protocol equivalent in IOS
CSCek35770	Cisco IOS	Need show module power equivalent in IOS
CSCek35773	Cisco IOS	Need show mls multicast router equivalent options in IOS
CSCek35951	Cisco IOS	Priority queue with policing configured doesnt work
CSCek36014	Cisco IOS	Need show version epld equivalent in IOS
CSCek37181	Cisco IOS	Loopback on controller for online diagn of wism card
CSCek37494	Cisco IOS	mls acl tcam share-global should not be NVGENed
CSCek37963	Cisco IOS	1st level WRED faild with Policer in 1st & 2nd level .
CSCek39186	Cisco IOS	MAC-address for HSRPs VIP not in FVRF vlan if tunnel redirected .
CSCek39392	Cisco IOS	Crash @ registry_add_list when loading IOU/unix-p-ms image
CSCek42027	Cisco IOS	SPA FPD upgrade fails with sip1-CR
CSCek43497	Cisco IOS	IBM/JDSU type SFP not work with latest rainier image
CSCek44502	Cisco IOS	6vpe:QoS classify counter not working .
CSCek45036	Cisco IOS	Interupt throttling to be implemented for Sibyte Modular IOS images.
CSCek45862	Cisco IOS	set mpls exp impositon not working with 6PE IPv6 traffic on SIP-200
CSCek47083	Cisco IOS	B2B:ad erros on active blade when both blades are reloaded .
CSCek47205	Cisco IOS	B2B:PKI:Crash at bitlist_validbit
CSCek47574	Cisco IOS	SIP 400 drop mpls packets and cause traceroute fails
CSCek48252	Cisco IOS	RRI current peer not set specifically in case of QM retrans fail
CSCek50172	Cisco IOS	%SYS-3-TIMERNEG: Cannot start timer with negative set
CSCek50720	Cisco IOS	Improve error handling for DLL centering algorithm
CSCek53756	Cisco IOS	%SYS-3-INTPRINT: Illegal printing attempt from interrupt level on LC
CSCek54572	Cisco IOS	crash at ace_create_cm_head_node .
CSCek54959	Cisco IOS	%MFI-3-REDISTMGR %LFD-3-BADEXEC %LFD-3-SM upon SSO Switchover
CSCek55639	Cisco IOS	Failed to assert Physical Port Administrative State Down alarm
CSCek55870	Cisco IOS	fabric buffer-reserve queue default issues
CSCek57760	Cisco IOS	IP MTU of GRE tunnel not used by SPA-IPSEC
CSCek58678	Cisco IOS	%SYS-3-INTPRINT: Illegal printing attempt from interrupt level on LC
CSCek60775	Cisco IOS	Router crashed at ace_clear_local_address after change to VIP address .
CSCek61974	Cisco IOS	Minimum configurable rx timers should be greater than 1
CSCek63611	Cisco IOS	rekey fails after crypto card is rebooted .
CSCek65022	Cisco IOS	7600-SSC-400: SPA-IPSEC-2g EFC clock hardware issue .

Identifier	Technology	Description
CSCek65087	Cisco IOS	Traceback see at unqueue while running cef_tunnel_vrf script
CSCek66277	Cisco IOS	Diagnostics test 18 TestAclDeny should be marked Disruptive .
CSCek66294	Cisco IOS	TCP adjust mss on egress direction
CSCek66590	Cisco IOS	C7600-SSC-400: Crash in show hw-m subslot x status volt
CSCek66842	Cisco IOS	12.2SRB: OER netflow enabling broken .
CSCek66877	Cisco IOS	%XDR_SP-STDBY-6-CLIENTISSU_BLOCKED: XDR client lte broker cannotSync
CSCek67100	Cisco IOS	Cheronia: Crashinfo write fails
CSCek67622	Cisco IOS	BFD should not be configurable on etherchannel intf
CSCek67701	Cisco IOS	SPA-IPSEC-2G: Crashdump not getting saved on NMI .
CSCek68108	Cisco IOS	Router crashed at ace_policyloader_util.c after remove crypto map .
CSCek68218	Cisco IOS	sip-600 crashing with diagnostics error online_wan_diag_rp_request
CSCek68265	Cisco IOS	Major alarm on active caused syst. shutdn instead of swover to stdby
CSCek68281	Cisco IOS	Syslog instead of crashing on correctable FIB SSRAM ECC errors
CSCek68800	Cisco IOS	mls error action freeze default to change from freeze to reset
CSCek68890	Cisco IOS	After reload 2 Zamboni, routing adj not come up over some tunnels .
CSCek70014	Cisco IOS	Need a way to clear diagnostic event log
CSCek72777	Cisco IOS	%CWAN_HA-STDBY-4-IFCFG_PLAYBACK_ERROR for 7600 SIP card .
CSCek73332	Cisco IOS	Bidir shadow entry is missing some interfaces in oif
CSCek74858	Cisco IOS	glbp weighting track config sync failure
CSCek75768	Cisco IOS	Ensure EEM policies are registered correctly through ssh.
CSCek78219	Cisco IOS	SIERRA: Active Sierra Stnby Boomerang -- stdby crashes in IPC on bootup
CSCin78110	Cisco IOS	Some E1 controller does not come up if a large config on other LC
CSCin89551	Cisco IOS	VIP crash at dmfr_fastsend when pumping traffic via dMFR bundles.
CSCin97815	Cisco IOS	FRF.16 - blt counters not updated to RP after reload of router
CSCin97912	Cisco IOS	FESPA-SIP1:After LC reset, Intf comes as up-up even if peer is down
CSCin98448	Cisco IOS	controller shut throws up error msg and remote end is not going down
CSCir01217	Cisco IOS	name_svr.proc[64]: Could not register interest
CSCsa54688	Cisco IOS	%IDBINDEX_SYNC-3-UNKNOWN_TYPE: IDB type is unknown after switchover
CSCsa56229	Cisco IOS	Traceback mesg seen when standby SUP comes online on Port security
CSCsa57524	Cisco IOS	Incorrect SPA GE-WAN main interface IF-MIB Counter Support
CSCsa58703	Cisco IOS	Not all ATM ACs indicated up via show mpls l2tr sum using PW redundancy
CSCsa61687	Cisco IOS	c12000 crashes by issuing show sss cmd.
CSCsa66683	Cisco IOS	Enhance bridged flow stats to support l2 vlans
CSCsa71295	Cisco IOS	show mod indicates Unknown diag status for SIP cards after switchover
CSCsa75094	Cisco IOS	po based eompls pkst not hitting eom adj until po shut/unshut
CSCsa76016	Cisco IOS	NAT netflow entyr created without reason
CSCsa76801	Cisco IOS	Major bootup failure on Sup720 causing other linecards to PwrDown

Identifier	Technology	Description
CSCsa77785	Cisco IOS	Router crashes when L2 redirection is configured with HTTP traffic
CSCsa79561	Cisco IOS	Any type 6 key with arbit length crashes the router
CSCsa79630	Cisco IOS	Cat6500 Netflow does not export all flows
CSCsa80358	Cisco IOS	Connectivity lost on native vlan on etherchannel trunk betn 2 cat6ks
CSCsa80620	Cisco IOS	ct3 spa: serial interface efc queue stuck on deleting/adding mlp bundle
CSCsa87316	Cisco IOS	Issuing interface ATM/IMA may result in an unexpected reload.
CSCsa91478	Cisco IOS	L2TPV3: SW_MGR-3-CM_ERROR:Connection Manager Error - unprovision segment
CSCsa94234	Cisco IOS	GTP SLB : Sticky timer should be atleast greater than Session Timer
CSCsa95306	Cisco IOS	SNMPWALK does not get all CSG user group information
CSCsa96960	Cisco IOS	ip ttl expired lsp ping pkts shouldn'tt be transited by MFI process sw
CSCsa97042	Cisco IOS	Secured port dropping traffic after applying & removing mac-filter
CSCsa99158	Cisco IOS	Unexpected START records triggered by IPSec - unreliable AAA records
CSCsa99983	Cisco IOS	FR VC is up but not passing traffic with L2TPv3
CSCsb11224	Cisco IOS	system crashes soon after changes in cos-mutation map
CSCsb12969	Cisco IOS	MQC: Router crashes when a service-policy is added to atm or FR pvc
CSCsb13358	Cisco IOS	failaction gtp purge doesnt delete some gtp stickies when probe fail
CSCsb14516	Cisco IOS	SYS-3-INTPRINT errors seen when ACL used as route-map match criteria
CSCsb14543	Cisco IOS	t/b pm_port_counters_lock on module reset of active supervisor
CSCsb18498	Cisco IOS	SNMP polling broken in cat6k SXE1 image
CSCsb26172	Cisco IOS	Rollback: Timed Rollback option is not available.
CSCsb29028	Cisco IOS	Processor Memory leak in Crypto IKMP process
CSCsb31368	Cisco IOS	ATM Multipoint bridging on c65xx is broken after SW upgrade
CSCsb33258	Cisco IOS	RP crash while mvpn come up - MDFS buildup
CSCsb36463	Cisco IOS	RF-bit not set in the DBUS hdr for the FS switched+RTD port snooped pkt
CSCsb40858	Cisco IOS	IP packets with ip options sourced from TE head fails for 1 hop tunnels.
CSCsb41923	Cisco IOS	isakmp key ending in backslash will be lost after device reboot
CSCsb42176	Cisco IOS	PA-POS-2OC3: router hang upon neighbor reload
CSCsb48739	Cisco IOS	GTP SLB:Session reassigned even when sticky entry exists
CSCsb53810	Cisco IOS	sup720 outbound acl not denying traffic, hitting incorrect team entry
CSCsb54233	Cisco IOS	ISIS hello not recved on dot1q sub interface on a WS-X6582-2PA
CSCsb56931	Cisco IOS	The SWIDB subblock named QM was not removed, on PPP to FR encap change
CSCsb57042	Cisco IOS	%SYS-SP-3-OVERRUN at test_hm_diag_scratch_regs
CSCsb59349	Cisco IOS	Standby RP crashed on applying policy to 1k SVI
CSCsb60453	Cisco IOS	Need improved logs for severe fabric errors which triggers fab swover
CSCsb61021	Cisco IOS	IP Spoofed packets from CE are not hw switched with egress WCCP
CSCsb62773	Cisco IOS	Guaranteed bandwidth not consistent with hier shaping configured
CSCsb63267	Cisco IOS	Error locating default vpn

Identifier	Technology	Description
CSCsb65595	Cisco IOS	TCAM LOU expansion doesnt work properly for IPv6 .
CSCsb67152	Cisco IOS	MET inconsistent on DFC, multicast traffic is blackholed for an OIF
CSCsb68178	Cisco IOS	Traceback Seen @ %MPLS_IPRM-3-DB_PATH on 6VPE
CSCsb68513	Cisco IOS	Mcast packets not always forwarded through VPNSM on 6500 with SUP720
CSCsb70335	Cisco IOS	Flexwan crash when fragmentation is enabled under MFR interface
CSCsb70973	Cisco IOS	igmp snooping explicit tracking and report suppression issues
CSCsb70996	Cisco IOS	IOS SLB drops trailing fragments in VRF and misroutes SLB msgs to GGSN
CSCsb71242	Cisco IOS	MMLS NSF/SSO: Mcast Failover time very high for the first switchover
CSCsb74212	Cisco IOS	Logical & Phy Port run Configs lost on toggling no sw / sw frm VTY
CSCsb76401	Cisco IOS	config mode locks out when u boot active and standby with differ images
CSCsb77716	Cisco IOS	dot1x:SP crash at sm_destroy_instance on OIR or link flap
CSCsb80141	Cisco IOS	IOS-SLB: no mls ip slb search icmp does not work.
CSCsb80590	Cisco IOS	Enhance IPC buffer usage and IOMEM buffer allocation for Flexwan
CSCsb84998	Cisco IOS	MLS-MSC ASSERTION FAILED with T/Bs after hw-module reset
CSCsb85030	Cisco IOS	lost connectivity after port security disabled/removed - packets drop
CSCsb85049	Cisco IOS	cwpa2 bridged/routed ATM PDUs lost between Flexwan2 and SUP720
CSCsb85927	Cisco IOS	Routes not deleted on the EzVPN Vi server
CSCsb86198	Cisco IOS	show port-sec int <int-name> add not sync with stdby after SO
CSCsb89241	Cisco IOS	BRE LTL is not populated properly after reload for flexwan2
CSCsb89847	Cisco IOS	Source and destination BGP AS not being exported correctly with Netflow
CSCsb89891	Cisco IOS	dhcp snooping traceback on sup720
CSCsb91644	Cisco IOS	IPv6 MFIB entry is updated on RP and delayed to update MFIB on SP & DFC
CSCsb94412	Cisco IOS	SIP1: RBE: OAM Packets being accounted as input errors
CSCsb94859	Cisco IOS	ATOM_TRANS-3-CONSISTENCY observed Pseudowire Reundancy
CSCsb95563	Cisco IOS	cat6k crashes while releasing mem blocks after unconfig regd. EM Policy
CSCsb95851	Cisco IOS	Cat6K crashing by bus error at msc_sc2vdb_unlink
CSCsb98702	Cisco IOS	Breakpoint (signal 5 exception) when ltl profiling .
CSCsc01223	Cisco IOS	E5 L2TPv3 SCALE: Not all sessions are coming up on router reload
CSCsc02537	Cisco IOS	Add error message when sh frame-relay frag executed for hw mfr/frf.1
CSCsc04015	Cisco IOS	cbQosCMStatsTable doesn't return byte statistic for FastEthernet PAs
CSCsc05500	Cisco IOS	ENTITY-MIB: SFP in Gi1/1 is not displayed in show inventory
CSCsc08498	Cisco IOS	SCHED-3-THRASHING traceback from MWAM_CONSOLE Background Process
CSCsc08602	Cisco IOS	RLB errors with code 50 and access messages without username
CSCsc08947	Cisco IOS	6k IOS Autostate: L3 int up/up if last L2 port disabled while L3 is shut
CSCsc09557	Cisco IOS	Dot1x authenticated ports loosing states after SSO
CSCsc13720	Cisco IOS	llq functionality with _match input vlan_ broken
CSCsc16508	Cisco IOS	dmfr: VIP may crash @mfr_print on enabling debug dmfr packets

Identifier	Technology	Description
CSCsc18551	Cisco IOS	Spurious Access on OSM line card
CSCsc18728	Cisco IOS	Sup720 HW PAT (NAT overload) punts frames with valid MTU
CSCsc18986	Cisco IOS	IOS SLB causes high CPU
CSCsc21417	Cisco IOS	OER does not work with NAT
CSCsc21446	Cisco IOS	Multiple IKE SAs created
CSCsc24102	Cisco IOS	Fabric sync errors if WS-X6704-10GE is on slot 4 on 7606
CSCsc25952	Cisco IOS	Need to print out error message for unsupported marking on OSM
CSCsc26048	Cisco IOS	Cat6k: CPUHOG in PIM Snooping Process
CSCsc26490	Cisco IOS	wrong static mac address entry in case of GLBP virtual mac
CSCsc28781	Cisco IOS	%PM-SP-STDBY-3-INTERNALERROR: Port Manager Internal Software Error (pd !
CSCsc29022	Cisco IOS	c7500 -- Broken policy on MFR causing wrong SNMP counters
CSCsc29320	Cisco IOS	Ezvpn server doesn't show number of connections in show crypto session
CSCsc30268	Cisco IOS	linecards crash @ free_qos_set_if_sub_structures
CSCsc30532	Cisco IOS	PIM snooping not populating mac-address table properly on auto rp group
CSCsc32189	Cisco IOS	ISAKMP does not check multiple transform payloads in one proposal .
CSCsc32248	Cisco IOS	Multiple IKE SAs if packets destined to unreachable addresses
CSCsc32801	Cisco IOS	Traceback seen after configuring 8 channel-members in etherchannel
CSCsc33110	Cisco IOS	Sip-400 MPB: ST instance not created on SUPW when a PVC is created
CSCsc37514	Cisco IOS	Pseudowire: LSP ping output
CSCsc43862	Cisco IOS	SPA ping failure caused by SIP-200 serial primary channel sync failure
CSCsc46301	Cisco IOS	Crash in GTP SLB imsi sticky
CSCsc46922	Cisco IOS	Memory leak - SSM segments
CSCsc48715	Cisco IOS	LFIB does not install both adjacency with Load balancing
CSCsc48986	Cisco IOS	WS-X6148-FE-SFP boards may fail to bootup in Supervisor IOS
CSCsc52306	Cisco IOS	IDSM: span tree not blocking when two IDSM in inline mode
CSCsc52645	Cisco IOS	SIP1-CT3: Whole T1 goes down while doing timeslot BERT on CT3 SPA
CSCsc54584	Cisco IOS	Ingress standard ACL for transit traffic broken with MFR bundle
CSCsc55229	Cisco IOS	FWSM rebooting continously
CSCsc55949	Cisco IOS	C2 Frequent fabric channel sync errors and rxErrors
CSCsc55951	Cisco IOS	SPA-4XOC3-ATM has compatibility issue with 3rd vendor device
CSCsc56179	Cisco IOS	mac-address is not purge when interface is shutdown .
CSCsc57156	Cisco IOS	Hardware fault on FWSM ports not causing FWSM redundancy failover
CSCsc58025	Cisco IOS	Out of Service
CSCsc59025	Cisco IOS	UDLD config on 2nd uplinki of act/sby sup change after switchover
CSCsc59190	Cisco IOS	%PM-STDBY-4-INT_FAILUP: fa4/3 failed to come up message after switchover
CSCsc61086	Cisco IOS	TCAM entry optimization needed for NAT outside i/fs with big NAT cfg
CSCsc61257	Cisco IOS	Software watchdog timeout in Active-SP causes both sups to crash/reload.

Identifier	Technology	Description
CSCsc61809	Cisco IOS	Min-links feature doesn't work intermittently even just on shut/no shut
CSCsc61899	Cisco IOS	SIP1-ChOC3: HDLC Controller Device driver Failure (linkrec error)
CSCsc64718	Cisco IOS	persistent-store command not available on SUP32 Images
CSCsc65256	Cisco IOS	Connection Count incorrect after ungraceful disconnect/reconnect
CSCsc65787	Cisco IOS	Enhance (or remove) the automatic intf MTU changing logic in CSCsa73817
CSCsc68250	Cisco IOS	Packet flow halt on 7600-SIP-400
CSCsc68615	Cisco IOS	Router Crash %CPU_MONITOR-3-PEER_EXCEPTION IPv6 IP Tunnel
CSCsc69076	Cisco IOS	SIP1-ChOC3: Spurious access at swsb_delete on unconfig of T1 chnl group
CSCsc69851	Cisco IOS	Port Security does not show offending MAC address in syslog
CSCsc71051	Cisco IOS	VIP4-80 crashed with multilink frame relay configure and L2TPv3
CSCsc71245	Cisco IOS	sup720:High CPU and traceback in ipsec_db_get_ipsec_sa_list with VPNISM
CSCsc75397	Cisco IOS	sup32 enables fix for CSCeb49514 with cross-module etherchannel
CSCsc77287	Cisco IOS	SIERRA: Telnet/console: freeze by remote command module slot
CSCsc77455	Cisco IOS	Fabric counters are inconsistent
CSCsc78707	Cisco IOS	xconnect: l2transport option not valid on dot1q interfaces
CSCsc80303	Cisco IOS	%IPC-SP-5-WATERMARK: 7167 messages pending in rcv for the port Card7/0:
CSCsc80822	Cisco IOS	VPN-SPA - Router fails to decrypt certificate payload during IKE negotia
CSCsc81495	Cisco IOS	PWAN2 HQoS packets dropped with on-the-fly policymap modification
CSCsc81834	Cisco IOS	Netflow uses incorrect source ip address if its within MPLS vrf
CSCsc83961	Cisco IOS	Both APS protect & working ports forwarding traffic
CSCsc84768	Cisco IOS	FESPA-SIP1:BFDD session parameter configuration lost on SPA s/w OIR
CSCsc86600	Cisco IOS	SNMP:subinterface aal5 layer: Ifindex counter for ATM SPA not updated
CSCsc89044	Cisco IOS	IO memory leak with big buffers and EOBC0/0
CSCsc89229	Cisco IOS	Traceback & crash at pm_get_standby_vlan on Sup720
CSCsc89932	Cisco IOS	Switch crash after running show diagnostic sanity command
CSCsc89979	Cisco IOS	EEM traceback for,action x info cli frequenc; if cli history table empty
CSCsc90782	Cisco IOS	dsx1FarEndInterval not available in 12.2(18)SXF on a c7609
CSCsc91075	Cisco IOS	IPSEC Connection Count incorrect after unsuccesfull connection attempt
CSCsc93283	Cisco IOS	R2.5: no mls qos mpls trust exp CLI not effective after reload
CSCsc94402	Cisco IOS	DHCP snooping error msg dispalyed continuously on console
CSCsc96158	Cisco IOS	VPNSM / VPNSPA: IKE SA not deleted even after IPSEC SA idles out.
CSCsc98850	Cisco IOS	ZAMBONI:Could not send pmtu information vlan 65535 pmtu 0 Error
CSCsd00258	Cisco IOS	ENH - Syslog msg - exceeding broadcast suppression threshold
CSCsd00694	Cisco IOS	Need to use L2 port mac for pagp bpdu's to work with cat5000
CSCsd01719	Cisco IOS	SIP-600: SPA OIR with DOT1Q tunnel on port-channel can crash RP
CSCsd01885	Cisco IOS	Flexwan module, when pvc is down, mac-address are not flushed
CSCsd03220	Cisco IOS	OER NFC: stats for default route not aggregated.

Identifier	Technology	Description
CSCsd03416	Cisco IOS	Active RP Crashed after doing rerouting in PIM SM Stress Test
CSCsd03960	Cisco IOS	OSM shaping parameter not programmed correct
CSCsd04808	Cisco IOS	ROOT_Inc message is not show up for all mst instance
CSCsd05513	Cisco IOS	7600 CBQOS-MIB is missing info which is present in CLI
CSCsd08411	Cisco IOS	EEM Tcl policy execution delayed relative to config size
CSCsd09324	Cisco IOS	IDBINDEX_SYNC-3-IDBINDEX_ENTRY_LOOKUP shown on stby RP when reload rtr
CSCsd13448	Cisco IOS	IOS SLB custom udp probes don't support faildetect
CSCsd15625	Cisco IOS	CEF Adjacencies not established with sub-interfaces configured
CSCsd17174	Cisco IOS	SLB Connection states get into loop on snmp query
CSCsd17992	Cisco IOS	After PS fails and powered on, PS fan fail msg. display even if PS on
CSCsd18278	Cisco IOS	Host backpressure is not handled by SPA IPC firmware code
CSCsd18296	Cisco IOS	Bdwth guarantee not met in cbwfq when cfged with llq in child in MIV .
CSCsd19181	Cisco IOS	Crypto connect command is dropped from serial interface after reload .
CSCsd19203	Cisco IOS	SIP400:ATM:new LLQ traffic stop flowing on dynamic changes to Policy
CSCsd22834	Cisco IOS	SIP1-ChOC3: Tx CPU suspended for too long @tal_tree_item_insert
CSCsd23454	Cisco IOS	NPE-G2 VAM2+ : Mem increase at crypto_ipsec_sa_lookup_insert key eng
CSCsd25532	Cisco IOS	High SP-CPU utili occurs when c7600 recieves IPv6 Multicast traffic
CSCsd25611	Cisco IOS	MPLS VPN forwarding broken for new vrfs on PE 7600 SUP720
CSCsd25653	Cisco IOS	vrf-also in named ACL for VTY line not saved in running configuration
CSCsd28910	Cisco IOS	Port put in err-disable due to link flaps while other end reloads
CSCsd29911	Cisco IOS	IPSLA : Issues with tracking command threshold weight up xx down xx
CSCsd29927	Cisco IOS	6500 BIT-SP-4-OUTOFRANGE error with voice vlan dot1p and monitor session
CSCsd30533	Cisco IOS	Duplicate ipsec flows at the hub created when spoke is behind nat device
CSCsd32192	Cisco IOS	GRE Tunnel With Checksum Enabled Does Not Transmit Multicast Packets
CSCsd32634	Cisco IOS	R3.2:IOS:Sup32 crashed after range of vlans 1-4094 has been configured .
CSCsd33992	Cisco IOS	%PM-SP-STDBY-3-INTERNALERROR: when boot up
CSCsd35622	Cisco IOS	session timeout TCL causes CPU hog/crash
CSCsd36670	Cisco IOS	Can not enable cdp globally from SNMP
CSCsd38305	Cisco IOS	crash Ethchnl assert (group>=1)switch_private.c:38 after EC remote chang
CSCsd40211	Cisco IOS	Sup720 : Delay in arp result after interface shut/no shut
CSCsd42319	Cisco IOS	SIP400 crashes during bootup with current pikespeak image
CSCsd43481	Cisco IOS	EoMPLS drops OSPF multicast packets with mls ip verify length minimum
CSCsd45167	Cisco IOS	Memory leak in Crypto IKMP Process
CSCsd45932	Cisco IOS	Rainier: On an idle SIP-200 with any chann SPA, CPU util is 10% per SPA
CSCsd46882	Cisco IOS	OSM-CT3 Port in Unchannelized mode stays UP/UP when looped towards line
CSCsd47475	Cisco IOS	cat6k unable to resolve arp request when using flexwan, pa-fe-tx and vpn
CSCsd47734	Cisco IOS	Additional memory leak fixes by ActiveState

Identifier	Technology	Description
CSCsd48741	Cisco IOS	DFC does not see sampled netflow vlans after reload
CSCsd49280	Cisco IOS	show idprom should work with non-cisco xenpaks
CSCsd49374	Cisco IOS	CT3 SPA:%SPA_CHOC_DSX-3-SPA_CMD_SEND_ERR:, all intf stay down
CSCsd49862	Cisco IOS	BFD session stays down after doing shu/unshut on vlan-bundle interface
CSCsd50828	Cisco IOS	AS-path based redistribution fails
CSCsd51577	Cisco IOS	bfd echo to no echo switch removes bfd monitoring
CSCsd52633	Cisco IOS	VPN-Spa stop forwarding traffic if any changes on ATM traffic shaping
CSCsd53513	Cisco IOS	%ALIGN-3-SPURIOUS_SO: Spurious memory access seen with tracebacks
CSCsd56549	Cisco IOS	GRE doesnt get the same port that it req, PPTP change Call ID wrongly
CSCsd58181	Cisco IOS	VIP4-80 Crash with ch-STM1 PA
CSCsd58422	Cisco IOS	%IXP_MAP-3-QOS_CONFIG: error detected: Can't download policymap
CSCsd58552	Cisco IOS	cwpa2: TCP to NAT addresses cause FR encap change from IETF to cisco
CSCsd59274	Cisco IOS	MLD snooping report-suppression does not work correctly
CSCsd59975	Cisco IOS	WS-X6704-10GE causing CRC errors on WS-X6502-10GE interfaces
CSCsd63951	Cisco IOS	sup720 ION: active crashes when slot 2 is reset
CSCsd64103	Cisco IOS	'mls qos trust dscp' not working for traffic coming from FWSM
CSCsd64224	Cisco IOS	Memory leak in Crypto IKMP process when using certificate authentication
CSCsd64533	Cisco IOS	Memory leak in Crypto IKMP process when using certificate authentication
CSCsd64640	Cisco IOS	Memory leak in IPSEC key engine process with isakmp profiles
CSCsd64741	Cisco IOS	SLB IMSI sticky idle timeout queries fail to reach GGSN when vrf-aware
CSCsd65434	Cisco IOS	igmp snooping fails when leave is processed during igmp general query
CSCsd66276	Cisco IOS	IDSM: monitor session dest config removed after two sso switchovers .
CSCsd66406	Cisco IOS	SP error msg is not printed part of syslog levels
CSCsd67456	Cisco IOS	VPN-SPA: IPsec SA comes up with wrong lifetime in KB
CSCsd68266	Cisco IOS	input errors increment on 10/half port
CSCsd69480	Cisco IOS	%HYPERION-4-HYP_RESET on flexwan2 chSTM1 card
CSCsd69842	Cisco IOS	Memory leak in Crypto IKMP process on ezvpn server
CSCsd70321	Cisco IOS	Resetting a line card and an sso right after that - traffic gets dropped
CSCsd70494	Cisco IOS	Bidir-Multicast Packets are dropped when using G/m entries
CSCsd70948	Cisco IOS	After SSO switchover all CDP and BPDU are lost if L2 rate limiting is on
CSCsd71047	Cisco IOS	NAT cef entry is not changed after IP address change MAC address
CSCsd73598	Cisco IOS	Rainier: TB points to mgd_timer_complain_uninit when remove bfd interval
CSCsd74729	Cisco IOS	crypto map in vrf mode failed to create ipsec sa if fvrf != ivrf
CSCsd74975	Cisco IOS	Clearly indicate customer friendly bus stall log messages.
CSCsd75069	Cisco IOS	IPC RX FIFO FULL err w/ high traffic&LC CPU (IO-FPGA Pat-Mav2.5/Pro1.5)
CSCsd75836	Cisco IOS	netflow removed from config at bootup due to CSCuk50395
CSCsd75929	Cisco IOS	Sup32 fails to get DHCP snooping binding table on switchover

Identifier	Technology	Description
CSCsd77207	Cisco IOS	Bidir traffic changed from HW to SW switch after add 200 sub-inf quickly
CSCsd78210	Cisco IOS	FPD upgrade file search failed although the file is present.
CSCsd79536	Cisco IOS	Standby RP crashes once at reload after installing set of patches .
CSCsd79558	Cisco IOS	DMVPN:IPSEC SAs fail to get established with fvr configured on tu
CSCsd80745	Cisco IOS	bus error or alignment err at crypto_isakmp_profile_contain_xauth_info.
CSCsd80770	Cisco IOS	Netflow exports UDP packets with source port 0
CSCsd83402	Cisco IOS	Large packets dropped when service policy applied
CSCsd84497	Cisco IOS	auth-proxy requests stuck in init state
CSCsd86340	Cisco IOS	After unplugging PC from back of phone into new port - error disable
CSCsd87313	Cisco IOS	ip cef load-shar algorithm universal not consistent between stack member
CSCsd88586	Cisco IOS	PBR : Wrong behaviour when first next-hop falls under a route to Null0
CSCsd89949	Cisco IOS	locIfReason is wrongly reporting admin down in an linkDown trap .
CSCsd90173	Cisco IOS	TestIPSecEncrypDecrypPkt HM test config init error reporting is needed
CSCsd92208	Cisco IOS	vlan map ocpu is wrong in the active vpnspa after sso+b2b failover .
CSCsd93294	Cisco IOS	%SYS-STDBY-2-CHUNKFREE err and crash, points to chunk_free_with_pc
CSCsd94127	Cisco IOS	COS aligned to IPP for routed multicast traffic
CSCsd94439	Cisco IOS	I/O mem corruption on SP with mld snooping report-suppression enabled
CSCsd94541	Cisco IOS	Multiple T3 controllers bounce on the SPA
CSCsd94936	Cisco IOS	all interfaces are up/down after physical oir cable
CSCsd95575	Cisco IOS	RP-Crash @ draco2_pa_eobc_intr
CSCsd95701	Cisco IOS	CLI : sh mls qos ip <intf> shows intf disabled on vlan-based switchport
CSCsd95877	Cisco IOS	%MLS_ACL_COMMON-SP-4-MLS_ACL_CONSIST appears on active SP on sso.
CSCsd96121	Cisco IOS	Mac's don't get purged when the port is blocking during topology change
CSCsd96511	Cisco IOS	Interface admin down: egress TCAM default program as bridge
CSCsd98390	Cisco IOS	WS-X6148A-45AF module may not bootup/lose config on switch power-cycle.
CSCsd98852	Cisco IOS	EEM does not allow read from stdin
CSCsd98887	Cisco IOS	SP Memory Leak In mls-msc Process
CSCse00115	Cisco IOS	mcast egress replication -- Wrong output interface index for msc
CSCse00135	Cisco IOS	Initial few sweep ping packets fail for MLPoMPLS
CSCse00284	Cisco IOS	ION Code crashes active sup under heavy stress and show proc cpu cmd
CSCse01998	Cisco IOS	All vlans in FWSM gets removed after doing no fire mod 9 vlan-gr 11
CSCse08044	Cisco IOS	Netflow Export produced wrong flow record on cache expiration .
CSCse09852	Cisco IOS	Low PPPoEoQ Call Rates with Netflow config on VT intf
CSCse11333	Cisco IOS	Native IOS does not syslog thermal warnings from IDSM-2 Cat6k card.
CSCse11794	Cisco IOS	MPB+QoS: Observe SIP1crash with scaled atm bridged vc .
CSCse12195	Cisco IOS	6816: Interface 3/4 flapping when interface 3/1 is not connected
CSCse12314	Cisco IOS	Synguard rate limits tcp probes syn packets

Identifier	Technology	Description
CSCse14269	Cisco IOS	Failed to obtain ident counters for stats update
CSCse14548	Cisco IOS	DHCP SNOOPING support for receiving giaddr nonzero in untrusted port
CSCse15728	Cisco IOS	VPNSM does not perform invalid spi recovery in vrf mode
CSCse15947	Cisco IOS	20 seconds of traffic loss after test crash 9 on active SP
CSCse16512	Cisco IOS	Egress Queuing on WS-6148-21AF broken
CSCse16923	Cisco IOS	5850: IOS upgrade issue in handover split mode
CSCse17175	Cisco IOS	Line down on some serial interfaces for Chann STM-1 SMI PA
CSCse19351	Cisco IOS	VTI-FVRF:table_id should only be consumed when crypto VRF is configured .
CSCse19732	Cisco IOS	Not able to apply policy on a port -which is earlier part of l3 port-cha
CSCse19848	Cisco IOS	Multicast / Broadcast SNMP counters aren't populated for some interfaces
CSCse27836	Cisco IOS	LACP MiniLink Portchannel flaps though hotstandby ports exist
CSCse29001	Cisco IOS	ISIS did not update when encap frame-relay on POS SPA of SIP-400
CSCse29419	Cisco IOS	Need SNMP support for traffic counters given by 'show vlan counters'
CSCse30293	Cisco IOS	Inbound SA not setup correctly
CSCse31973	Cisco IOS	NF double counts packets when span is configured.
CSCse33257	Cisco IOS	Intf Flap causes memory Hog in mls-msc on DFC installed Sup720 system
CSCse33395	Cisco IOS	HSRP track interface in down state in ITASCA though active on SUP
CSCse33420	Cisco IOS	LACP: config for some other port-channel gets removed on bundling ports
CSCse33488	Cisco IOS	DS1: Back to back connectivity not successful between T1/E1 SPA-PA
CSCse33543	Cisco IOS	VSEC: IKE SAs stays in MM_KEYEXCH state -RSA signature
CSCse34615	Cisco IOS	Radius Acct on-off messages are dropped by Vserver
CSCse34697	Cisco IOS	crypto injected route points to wrong interface .
CSCse35278	Cisco IOS	VPNSM drops transit NAT-T packets
CSCse37364	Cisco IOS	traceback @ hal_get_dist_job on toggling mmls
CSCse37587	Cisco IOS	DHCP snooping in conjunction with VRF breaks DHCP
CSCse39956	Cisco IOS	VPLS:UCODE:Replication broken when CW followed by NO_CW VC
CSCse41480	Cisco IOS	cos vlan priority is not preserved for MPLS traffic over EoMPLS tunnel
CSCse43709	Cisco IOS	supw nmi support
CSCse47430	Cisco IOS	Need boundry check in heartbeat_create_rcv_info
CSCse47638	Cisco IOS	SP and linecard CPUHOG tracebacks at earl7_read_adj_entry when flap link
CSCse47732	Cisco IOS	No support for DS3-MIB for channelized STM1 SPA .
CSCse47811	Cisco IOS	Guard output does not reach GRE tunnels on SUP-720
CSCse48657	Cisco IOS	config sync will reset standby when no EEM policy only on active
CSCse49072	Cisco IOS	sierra: Online diag status for SIP spa modules Unknown / Not Applicable
CSCse49388	Cisco IOS	Tunnel int fails to receive traffic when links of a diff tunnel shut .
CSCse49846	Cisco IOS	Sierra: Convergence issues; avoid sending RPF-chg followed by sc-delete .
CSCse51577	Cisco IOS	Sup2/MSFC2: Memory leak at Dead/FM VMR chunk when pasting in NAT config

Identifier	Technology	Description
CSCse53002	Cisco IOS	Memory leak in IPSEC key engine process at kmi_malloc_num_sas
CSCse53090	Cisco IOS	After console timeout, access can be done to standby console.
CSCse54768	Cisco IOS	CASA traffic not CEF switched
CSCse56921	Cisco IOS	GTP SLB Reloads at the time of session/sticky creation in multiple vserv
CSCse59209	Cisco IOS	Seeing spurious mem trace back when change etherchannel mode to pagp
CSCse59363	Cisco IOS	Crash with an inband/out-of-band channel deadlock detection
CSCse59777	Cisco IOS	WLSM: CPUHOG on L3mm process
CSCse59865	Cisco IOS	ESM20G/SIP600:Router crashes at vlan_if_get_data on bootup w/ 100 subf
CSCse60601	Cisco IOS	Standby Sup crash due to ACLDeny bug in TYCHO
CSCse60667	Cisco IOS	mfiSlaBasic-bat regression cores on show ip cef with feature lfd summary
CSCse61252	Cisco IOS	ION : reset reason displayed incorrectly in show version
CSCse61387	Cisco IOS	After LC is removed, show policy-map control-plane still show LC counter
CSCse65726	Cisco IOS	command no tacacs-server admin resets router
CSCse66269	Cisco IOS	ION free memory dropping during mcast failovers but no process leaking
CSCse69360	Cisco IOS	CLI output from show running-config <spa module number> is broken
CSCse69713	Cisco IOS	Redirect traffic punted to software when all CEs in the group are lost
CSCse69748	Cisco IOS	CLI for IMAP retcode in CSG refunding is broken
CSCse70423	Cisco IOS	change WS-X6708-10GE default behavior for non-E chassis
CSCse72235	Cisco IOS	LAC crash when fragmenting ingress PPPoA and labelled in egress
CSCse73539	Cisco IOS	c7600 - crash of active sup720 after inserting a second one
CSCse75904	Cisco IOS	VPNSM: periodic accounting is still sent for disconnected vpn users
CSCse77196	Cisco IOS	Parser truncates pre-shared keys in keyring when line length > 256 bytes
CSCse77427	Cisco IOS	7600 H-VPLS performance issues using SIP-600 and 10G SPA
CSCse77768	Cisco IOS	Mac learning missing some MAC when traffic sent from MPBE to VPLS core
CSCse78548	Cisco IOS	LSR adds incorrect label stack (label 1)
CSCse81638	Cisco IOS	Output stuck on WS-X6524-100FX-MM module
CSCse82589	Cisco IOS	LSR mishandles packets with router-alert label
CSCse83031	Cisco IOS	memory leak reported with Eompls cfg with EFP xconnect child trees
CSCse84226	Cisco IOS	AToM: vc state UP under sh connection when MTU is mismatched
CSCse84602	Cisco IOS	Error messages from Standby Sup when configuring OSM card channelization
CSCse84695	Cisco IOS	Standby supervisor may crash when configuring osm card past FREEDM limit
CSCse86602	Cisco IOS	Cat6500 IOS does not set correct portAdminSpeed
CSCse87210	Cisco IOS	Enable service cards to operate in crossbar mode with Dist Etherchannels
CSCse87417	Cisco IOS	FlexLink : ARP frames w/ known opcodes cause interop issues.
CSCse87618	Cisco IOS	cRTP and Interleave doesnt work together on Virtual-Template Interface.
CSCse88171	Cisco IOS	PA-MC-8TE1+: cRTP compression failure
CSCse88708	Cisco IOS	Early stop of Bert test on OSM-1CHOC12/T1-SI produces error

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CSCse89636	Cisco IOS	LFD-3-INVINSTALLER LSD-3-LABEL msgs and tracebacks when PRE2 -PRE3 ISU
CSCse90572	Cisco IOS	FIB TCAM exception related enhancements
CSCse90586	Cisco IOS	upon low mem crypto kmi crashed with double-free pyld .
CSCse91987	Cisco IOS	slbConnectionTable objects are not getting populated on snmp query
CSCse95888	Cisco IOS	E5 FE SPA interface bandwidth changes when the remote interface is shut
CSCse98354	Cisco IOS	SIP-200: SYNC FAILED not initialized. Interfaces up/down.
CSCse98369	Cisco IOS	class-default bandwidth percent 100% - SPA ATM fails
CSCse98570	Cisco IOS	802.1q subinterfaces have no ifIndex on SUP32
CSCse98692	Cisco IOS	12.2SX code not showing int trust state in sh mls qos cmd
CSCse98795	Cisco IOS	bus error while printing access-list
CSCsf03566	Cisco IOS	Memory corruption crash trying to free unassigned block
CSCsf03730	Cisco IOS	interface remains down even after E1 level local loopback on STM1
CSCsf04112	Cisco IOS	Getting ifPhysAddress changes mac-address of SPA-2X1GE
CSCsf05390	Cisco IOS	CPU HOG @ hwidb_iftype_unlist followed by router crash.
CSCsf07232	Cisco IOS	telsh stdio operations do not output to current terminal
CSCsf08368	Cisco IOS	Prevent NBAR configuration on non-FlexWAN interfaces
CSCsf08419	Cisco IOS	EIGRP memory leak in registry_ion.c when neighbor flaps.
CSCsf08502	Cisco IOS	event_reqinfo event_pub_sec/event_pub_msec missing for event_none events
CSCsf08803	Cisco IOS	event snmp may wrongly triggered when using type increment
CSCsf09219	Cisco IOS	SYS-2-NULLCHUNK messages/Traceback @ipflow_create_template in netflow
CSCsf10116	Cisco IOS	Reflexive ACL not getting Sw Installed.
CSCsf10203	Cisco IOS	MLD gces not freed even after MLD leaves and L3 traffic stopped
CSCsf10605	Cisco IOS	crypto session count incorrect after ungraceful disconnect
CSCsf11098	Cisco IOS	12.2(SRA) releases report errors trying to FPD upgrade SPA-2X1GE-V2 SPA
CSCsf11639	Cisco IOS	WS-X6148-FE-SFP interface counter increments even if the link is down
CSCsf11787	Cisco IOS	EARL bus idle error occurs when the switching bus stall occurs
CSCsf13044	Cisco IOS	MVPN: Bidir mroute OIF missing - pim joins not received from MDT tunnel
CSCsf14994	Cisco IOS	SIP1-ChOC3:Some of the MLP links wont ping, if deleted & configred again
CSCsf15527	Cisco IOS	ION: Reset Reason Does Not Change on Normal Reload
CSCsf17163	Cisco IOS	TCAM mask/entry resource not released after conf/unconf pacl
CSCsf17739	Cisco IOS	Sup720 SVI does not show multicast traffic rate
CSCsf18752	Cisco IOS	mls ip slb search wildcard rp breaks gtp slb if 2 sfarms are configd
CSCsf20751	Cisco IOS	FlowControl inconsistency between Po and gig interfaces after SW upgrade
CSCsf21629	Cisco IOS	physical links on neighboring switch flap after first SSO
CSCsf22364	Cisco IOS	PortLoopbackTest failed for OC-12 POS SPA on bootup with 26th Aug Image
CSCsf22829	Cisco IOS	EEM Interface event detector sets old value to the sample value
CSCsf23115	Cisco IOS	SUP720 does not recognize FAN2 after one of fans failed. .

Identifier	Technology	Description
CSCsf25240	Cisco IOS	Qos queue-limit warning message on bootup
CSCsf26400	Cisco IOS	Cat6000 may not power up all POE devices after reload
CSCsf27493	Cisco IOS	Ports on WS-6724-SFP with GLC-T adapters don't come up
CSCsf28708	Cisco IOS	TestQos failed on SIP-600 on 12.2SRA
CSCsf31458	Cisco IOS	R3Vail: SupW image - entPhysicalTable is not SSO aware. .
CSCsf32012	Cisco IOS	Fix CSCsc77521 for 6748/DFC
CSCsf96390	Cisco IOS	C7600:subinterface ifIndex is disappearing after reload for PA-STM1
CSCsf96476	Cisco IOS	Router Crash when enabling BFD on ISIS- bfd_intf_addr_change_walker
CSCsf96980	Cisco IOS	No ipv mrib clients established after second SSO switchover, no HW switc
CSCsf97682	Cisco IOS	Last port of T3/E3 SPA connected back to back does not ping
CSCsf98341	Cisco IOS	UDLD failed to receive PDU when linked to L3 port.
CSCsf98713	Cisco IOS	PVST/MST compabitility fix for TELUS
CSCsf98858	Cisco IOS	AB76: BFD echo mode fail detection time is much longer than async mode
CSCsf99460	Cisco IOS	SUP720 cannot disable link-status traps for EOBC0/0 interfaces
CSCsg00173	Cisco IOS	v4 Sparse/SSM traffic when src is in PVLAN src port/DFC is not routed
CSCsg00845	Cisco IOS	'no logging event link-status' is lost after reload
CSCsg01644	Cisco IOS	EEM debug event manager tcl cli sent to the console, script may crash
CSCsg02241	Cisco IOS	SUP720/SUP32 NAT translates incorrectly
CSCsg02391	Cisco IOS	PORT_SECURITY-SP-2-INELIGIBLE error after module reset
CSCsg02605	Cisco IOS	Rapid reboot does not work
CSCsg03739	Cisco IOS	cat6k with vpnsm several possible crypto ikmp leaks .
CSCsg04681	Cisco IOS	MPLS tunnel recir failed after tunnel is taken over by vpnspa
CSCsg06577	Cisco IOS	'Desc ordr internal vlan allocation' brings up sup with major diag error
CSCsg07525	Cisco IOS	Periodic (30sec) traffic loss/dup over dis port-cha due to wrong RBH
CSCsg07765	Cisco IOS	Sierra: scp_fpoe_req: memory allocation error, subopcode=10, count=9
CSCsg07870	Cisco IOS	crash seen on switchover at pf_redun_sync_port_asic_on_swover .
CSCsg08200	Cisco IOS	JQL: Bootup diagn for LC detect major failure after RPR swover .
CSCsg08304	Cisco IOS	JQL: UDLD failure detected on neighbor switch after RPR switchover .
CSCsg09757	Cisco IOS	MP(Maintenance Pack) information missing in the MIB .
CSCsg10075	Cisco IOS	'show policy-map i/f' on --more-- prompt blocks MQC database updates
CSCsg10159	Cisco IOS	Successive Default route ctrl fails on different link but on same router
CSCsg10531	Cisco IOS	Packet loss ratio is more than tolerance under dynamic stress
CSCsg11616	Cisco IOS	iprouting restart crashes Sup due to Block overrun at 5E64940 (red zone
CSCsg12887	Cisco IOS	mcast over gre - tunnel key crashes the box even at low rate traffic(20p
CSCsg13828	Cisco IOS	fh_fd_timer.proc crashed without any special trigger
CSCsg16272	Cisco IOS	Catalyst6500 LinkDown snmp trap does not generate while performing OIR .
CSCsg16425	Cisco IOS	show ip slb reals command displays huge connections value

Identifier	Technology	Description
CSCsg16964	Cisco IOS	Sup32 crashes with 23rd image tb@_shmwin_error
CSCsg18080	Cisco IOS	Router crashes on trying to get snmp counters
CSCsg23979	Cisco IOS	Crashes in iprouting.iosproc produce no tracebacks
CSCsg24215	Cisco IOS	SNMP linkdown traps not generated
CSCsg24609	Cisco IOS	Whitney: snmp CISCO-L2-CONTROL-MIB getmany errors .
CSCsg24971	Cisco IOS	IPC Failure message on WS-X6816-GBIC while displaying netflow entries
CSCsg25416	Cisco IOS	flash information is missing from show hardware output in ION
CSCsg27123	Cisco IOS	Learning not disabled on SPAN dest without learning option
CSCsg27783	Cisco IOS	DFC tcam wrongly progged when policy map is appld with VACL,Reflex. acl
CSCsg28959	Cisco IOS	rwindex = 0xFFFF on the non PI causing all mcast traffic to be dropped
CSCsg30355	Cisco IOS	OIR of redundant sup w/ CatOS crash the Cat6500 System running IOS
CSCsg32319	Cisco IOS	Probe connections not cleaned up when access/vrf is configured .
CSCsg34141	Cisco IOS	Secure mac learnt on non secure port creates a static entry
CSCsg35506	Cisco IOS	JQL: port-channel member in suspend due to flowcontrol mismatch .
CSCsg36726	Cisco IOS	Bonham parity errors may cause packet loss on a 7600-SIP-400 module.
CSCsg37435	Cisco IOS	ifIndex missing for 802.1Q vLAN subif after GigEth card OIR .
CSCsg37484	Cisco IOS	Bus Error in crypto_map
CSCsg37644	Cisco IOS	IOS SLB does not work on 7600 if Client is behind MPLS cloud
CSCsg38231	Cisco IOS	'crypto eng gre vpnblade' cmd does make the tunnels to be accelerated by
CSCsg38618	Cisco IOS	Session to a 24 bit address fails on WiSM
CSCsg38930	Cisco IOS	7600 SPA-IPSEC-2G - Multicast data is not forwarded through GRE Tunnel
CSCsg39665	Cisco IOS	CPP: Add MIB support for Control-Plane interface
CSCsg39754	Cisco IOS	DHCP snooping redirect ACL permits more than just bootpc and bootps port
CSCsg40267	Cisco IOS	SPA-OC192POS-XFP reports voltage outside of nominal range
CSCsg40391	Cisco IOS	Dot1x: Port config on authenticated port changed after linecard reset
CSCsg40401	Cisco IOS	SUP32 unstable to communicate with all neighbors after reload.
CSCsg41552	Cisco IOS	Module fails to come online first time after reset
CSCsg42860	Cisco IOS	ACE-R6: Back Plane Link RESET to 8 GIG after SUP Switchover
CSCsg43284	Cisco IOS	ISAKMP non-first frag doesn't reach RP from VPNSPA
CSCsg46087	Cisco IOS	Packet dropped at ocpu for packet size greater than 1461
CSCsg49395	Cisco IOS	%BIT-SP-4-OUTOFRANGE: bit is not in the expected range
CSCsg51230	Cisco IOS	VS2: MLS multicast operating state is IDLE, after SSO switch over
CSCsg51724	Cisco IOS	cbQosCMDropPkt stays at 0 while CLI counters shows positive values
CSCsg51811	Cisco IOS	OER BGP Inbound advert incorrectly modifies all inside prefix adverts .
CSCsg52355	Cisco IOS	RHI Injected routes lost after SUP switchover
CSCsg53461	Cisco IOS	Service Internal incorrectly required for Purge Interface Command
CSCsg53526	Cisco IOS	Some packets to vip are denied by inbound acl after server nat

Identifier	Technology	Description
CSCsg53550	Cisco IOS	EOU commands cannot be enabled on sub-interface
CSCsg55237	Cisco IOS	L2 flooding stops when new MAC address entries are learnt
CSCsg55315	Cisco IOS	Packets duplicated out of Gig1/1 when SPAN Monitor session enabled
CSCsg56625	Cisco IOS	E3 LC continues crash by receive corrupt tag packets ttl=1
CSCsg58587	Cisco IOS	On 7604 snmp output counters for vlan are counted twice
CSCsg58854	Cisco IOS	SPA Ethernet HC 64-bit SNMP counters wrap after reaching 2^32
CSCsg61773	Cisco IOS	MMLS: Egress mode, OIF inconsistent between SP/RP, traffic blackholed
CSCsg61795	Cisco IOS	RLB should not re-use a session when no session-id has been set
CSCsg62154	Cisco IOS	18SXF7: ltl_alloc_index_at: T/Bs are seen after multiple switchover
CSCsg64170	Cisco IOS	SSO switchover causes service module to appear down for 10-30 secs .
CSCsg64306	Cisco IOS	%MCAST-SP-6-L2_HASH_BUCKET_COLLISION
CSCsg64327	Cisco IOS	Tunnels go down with multicast traffic in global vrf mode.
CSCsg66543	Cisco IOS	CISCO-SWITCH-ENGINE-MIB, inconsistent L3 stats between CLI and SNMP.
CSCsg67551	Cisco IOS	LDP session starts to flap after graceful-restart on switchover
CSCsg68740	Cisco IOS	FRR is not triggered when cable is removed from a POS SPA/OSM LC
CSCsg68783	Cisco IOS	ATM SAR hangs when MPLS TE auto-tunnel mesh is cleared
CSCsg69081	Cisco IOS	show crypto ipsec sa should indicate if pfs in use
CSCsg69605	Cisco IOS	Need to reword SYSTEM_CONTROLLER-3-EXCESSIVE_RESET syslog
CSCsg69646	Cisco IOS	'timer wheel' not running for the tunnel .
CSCsg70932	Cisco IOS	ESCORT: router crashes with QoS on and traffic running
CSCsg72398	Cisco IOS	SLB: Packets getting process switched w/ multiple UDP Vservers
CSCsg72678	Cisco IOS	TCAM entries not displayed for DFC card after OIR .
CSCsg73179	Cisco IOS	bi-dir mls rp doesnt get updated after a change in topology .
CSCsg73688	Cisco IOS	Whitney,SNMP,CBQOS,enhance cbQosPoliceCfgRate64 to support 10G int.
CSCsg75132	Cisco IOS	REDUNDANCY-3-IPC: cannot open standby port session in use
CSCsg77142	Cisco IOS	Memory leak in Cat6k SNMP Trap process
CSCsg77629	Cisco IOS	Need to add a command to turn off/on FEFI
CSCsg79810	Cisco IOS	The MPLS MTU is overruled by the ip mtu on ATM interface
CSCsg80948	Cisco IOS	Uneven load-sharing for 4-path ECMP case
CSCsg85046	Cisco IOS	7600 router with SPA-4XOC48POS/RPR on SIP-600 crashes on bootup
CSCsg85415	Cisco IOS	heartbeat_fatal crash, CPU HOG tracebacks point to SEA
CSCsg87228	Cisco IOS	Serial interface (T1 or E1) NOT working with Crypto Connect
CSCsg87235	Cisco IOS	EEM config prevents telnet connection
CSCsg90190	Cisco IOS	Software does not limit 96 Ports LC inline Power based on HW Limitation
CSCsg91545	Cisco IOS	ACL TCAM inconsistency seen if ipv6 acl with 2k mask is used .
CSCsg92393	Cisco IOS	SUP720 CEF loadshare algorithm simple mode does not work for IPv4
CSCsg92950	Cisco IOS	memory corruption overrunning oce counter stack

Identifier	Technology	Description
CSCsg92954	Cisco IOS	Poor Voice Quality over congested Links
CSCsg94023	Cisco IOS	show int status does not show routed port correctly
CSCsg94565	Cisco IOS	PreFrag not works with tun mtu > secure mtu, packet size just > tun mtu
CSCsg97755	Cisco IOS	CMFI Background process produces %SYS-SP-3-CPUHOG
CSCsg98045	Cisco IOS	EEM track event detector missing maxrun option for tcl scripts
CSCsg99084	Cisco IOS	mago: ME-C6524 Tx CRC errors on uplink ports with 100FX SFP .
CSCsg99369	Cisco IOS	Isakmp processes TV attributes as TLV
CSCsg99872	Cisco IOS	VPNSM: IPSEC accounting (start/stop) not sent under some conditions
CSCsg99877	Cisco IOS	AToM: load balancing not happening on the core links
CSCsg99914	Cisco IOS	sip-200 power-cycles after BGP flap (not responding to keepalive)
CSCsh02514	Cisco IOS	MCAST: rpf null for (S,G), process switched on shared tree
CSCsh05800	Cisco IOS	Mcast egress replication - VDB is not updated on L3 PO subinterfaces
CSCsh06605	Cisco IOS	Modular IOS Kernel Release
CSCsh11498	Cisco IOS	%SM-4-BADEVENT: Event rt_reg_ok is invalid for the current state wait
CSCsh13947	Cisco IOS	EoMPLS: Router crashes @ ipv4fib_pas_frag_pak
CSCsh15366	Cisco IOS	Ether SFP/XFP SPAs : Peer link up incorrectly
CSCsh15864	Cisco IOS	Interfaces follow no logical order in sh mls qos ip output
CSCsh16213	Cisco IOS	Disabling MLDsnooping does not clean special MACs 3333.0000.0016, 3333.0
CSCsh17979	Cisco IOS	Ports PWR_DENY not enough system PWR/chassis BackPlane PWR (Not Real)
CSCsh20211	Cisco IOS	'Complete' diags fail TestNetflowInlineRewrite test on Service Modules
CSCsh20354	Cisco IOS	client does not receive mode config data
CSCsh20950	Cisco IOS	18SXF8: PRBS support needs to be disabled on the Malabar8 module
CSCsh21371	Cisco IOS	Catalyst 6500 msfc last reload date not reset properly after reload
CSCsh22835	Cisco IOS	Major Error is seen with module 6 after switchover in rpr mode. .
CSCsh23961	Cisco IOS	Multicast netflow not working for Vlan interface (SVI)
CSCsh25976	Cisco IOS	C2W1: SSO sync issue with PSFANINCOMPAT & PSFANFAIL sensor .
CSCsh27094	Cisco IOS	SSO: VPN Spa got reset twice when subslot x/1 present
CSCsh27234	Cisco IOS	Packet drop occurs at the moment uRPF applied
CSCsh28014	Cisco IOS	After unconfig MPLS, seen %SCHED-CFC8-3-UNEXPECTEDEVENT & Traceback
CSCsh29863	Cisco IOS	New active crashes after switchover in rpr mode .
CSCsh30617	Cisco IOS	EEM software forced crash when unregistering an applet
CSCsh31287	Cisco IOS	tunnel mcast adj shows src mac is all zeros
CSCsh31306	Cisco IOS	T1 serial o/p drops / no QOS drops - flexwan - T1 multichannel PA.
CSCsh33128	Cisco IOS	MMLS/MVPN: Partial SC internal vlan not included in (*,G)
CSCsh33518	Cisco IOS	STP information is not in sync with Active .
CSCsh33770	Cisco IOS	contrl vlan not set; zamboni remains in initializing state .
CSCsh34872	Cisco IOS	With mls mpls recirc configd primary internal vlan has vpn-num .

Identifier	Technology	Description
CSCsh35311	Cisco IOS	Proxyacl downloaded from the ACS cause spurious memory access
CSCsh35600	Cisco IOS	Change CSCsc8I300 behavior for deny log ACEs
CSCsh36377	Cisco IOS	crypto connect cmd not updated in standby RP for ATM subif .
CSCsh37008	Cisco IOS	Need to enable Malabar8 in WS-C6509-NEB-A chassis with one fan .
CSCsh37272	Cisco IOS	BFD cpu pegs, invalid element for addition, possible crash
CSCsh37276	Cisco IOS	Switch crashed @ fm_ipv4_intf_nde_req_process
CSCsh38443	Cisco IOS	Removing associated vlan would trigger the mac-add to get purge every 5m
CSCsh38737	Cisco IOS	Flexwan with PA shows incorrect serial int count on sh ver after reload.
CSCsh39318	Cisco IOS	10K / PRE-2 crashes at %MROUTE-4-ROUTELIMIT
CSCsh42857	Cisco IOS	MPLS-TE: After tunnel reoptimization the tunnel label is not updated
CSCsh45258	Cisco IOS	delay execution of redundancy force switchover in case stdby nrd .
CSCsh45949	Cisco IOS	SA's are created by the crypto engine in the wrong subslot
CSCsh48439	Cisco IOS	Sup4:Jagger is not supported
CSCsh48947	Cisco IOS	PWR_DENY Port 47/48 on each LC max PWR support Backplane per LC or VDB
CSCsh49043	Cisco IOS	Output drops in Queue3 after changes in cos-map config on 6148A-GETX .
CSCsh49239	Cisco IOS	After redundancy failover Mcast packets drop for 60-90sec on SUP uplink
CSCsh52941	Cisco IOS	AUTHPROXY:CLI to increase the number of HTTP Proxy process
CSCsh53141	Cisco IOS	IKE SA not getting deleted after clear crypto session
CSCsh54325	Cisco IOS	SIP600/ES20 PXF punt path broken when sup slot is 1 or 2
CSCsh54516	Cisco IOS	JQL:ModularIOS ~80% ARP Proccess performance degradation compared to IOS
CSCsh54951	Cisco IOS	PBR: TCAM incorectly programmed when match statement is NOT used
CSCsh56121	Cisco IOS	Losing RSA keys on Standby Supervisor after switchover or reload
CSCsh59346	Cisco IOS	allowed number for port-chan interface is not correct for config cli
CSCsh61396	Cisco IOS	R3.8: Hydra module resets during to excessive LCP_FW_ERR Qchip msgsg
CSCsh61946	Cisco IOS	Second 6kW DC power supply is shutdown after SSO switch over.
CSCsh62565	Cisco IOS	SSH keys regenerated every hour cause route flaps due to high CPU load
CSCsh68327	Cisco IOS	C6k: rxOversizedPkts counter counts up when link flaps
CSCsh68976	Cisco IOS	memory leak at xcvr_idprom when executing show hw-module all tranceiver
CSCsh69601	Cisco IOS	SNMP poll output byte counters are inaccurate in 12.2(33)SRA1
CSCsh70393	Cisco IOS	no output from sh env voltage command
CSCsh72111	Cisco IOS	mls rate-limit layer2 ip-admission shouldn't be enabled by default
CSCsh73935	Cisco IOS	RP crash with SNMP get to ciscoMvpnMrouteMdtEntry
CSCsh74322	Cisco IOS	rp fails bootup when reload installed image with 42 patch in 1 tar ball
CSCsh74385	Cisco IOS	EEM fails to register with the redundancy framework (RF)
CSCsh74417	Cisco IOS	crash in c10k_remote_crash_interrupt
CSCsh76923	Cisco IOS	Memory Corruption or bus error crash on cat6k running NAT .
CSCsh77220	Cisco IOS	SSO failover causes certain configs being removed .

Identifier	Technology	Description
CSCsh80993	Cisco IOS	VTP Domain Name is not updated on show cdp neighbor detail after rpr sw
CSCsh83109	Cisco IOS	HapiEchoTest fails on SPA-IPSEC-2G when reset.
CSCsh83559	Cisco IOS	Modular IOS: memory leak in xdr_reference
CSCsh85833	Cisco IOS	VACL display sequence does not match between show run and show start
CSCsh87819	Cisco IOS	Traffic-class passive thruput not measured correctly
CSCsh92031	Cisco IOS	Sierra: Standby RP crashed at auth_proxy_posture_clear_nacl
CSCsh94105	Cisco IOS	force supervisor to rommon in a cleaner way
CSCsh94882	Cisco IOS	Unity client not initiating mode config should be rejected
CSCsh94940	Cisco IOS	Supervisor crash by memory corruption (BADFREEMAGIC) in free block .
CSCsh95304	Cisco IOS	unequal weight on multiple paths is not correctly calculated
CSCsh98208	Cisco IOS	PIM Snooping strips out Prune List in a (*,g) Join (s,g) RPT prune msg .
CSCsh98849	Cisco IOS	SIERRA: Active and stby SP and active RP crashed@rf_proxy_fatal_error
CSCsi00136	Cisco IOS	IKE does not process more than 2 NAT-D payload
CSCsi00173	Cisco IOS	Bus error at crypto_ipsec_unlock_peer .
CSCsi00377	Cisco IOS	Exit Mismatch when application & prefix with common dst have diff policy
CSCsi00706	Cisco IOS	Sierra: upon fib tcam exception to use ratelimiter and not reload
CSCsi00712	Cisco IOS	Connected ipv4 routes for WAN interfaces missing on reload
CSCsi02033	Cisco IOS	7600 - creating a new dot1q subinterface breaks eompls vc
CSCsi04335	Cisco IOS	Web Auth performance numbers are not as expected.
CSCsi09388	Cisco IOS	VPNSM SA deleted by idle timeout
CSCsi10219	Cisco IOS	receive side sip1 crashes when rtp traffic is sent for hw MLP + CRTP .
CSCsi10945	Cisco IOS	Http Auth-proxy with OTP does not display token/SNK challange
CSCsi11382	Cisco IOS	Diags failing for NAM module. Module powered down
CSCsi12289	Cisco IOS	FWSM Does Not Display Correct Timezone for DST
CSCsi14145	Cisco IOS	runt counter not implemented correctly
CSCsi14965	Cisco IOS	Need to remove compression cli from cwpa/cwtlc if not supported
CSCsi15191	Cisco IOS	BOM messages observed while activation of rollback on stndby supervisor
CSCsi26184	Cisco IOS	possible fix for CSCsh71274 - improper pak subblock free in ttlexp path
CSCsi32436	Cisco IOS	SNMP set in CISCO-VLAN-MEMBERSHIP-MIB does not mark config changed
CSCsi40628	Cisco IOS	Dual RSPAN session causes loop between 2 6500 chassis .
CSCsi42517	Cisco IOS	SRB Crashes when upgrading from SXF to SRB with SLB stateful config
CSCsi42769	Cisco IOS	VPNSPA crashes with large certificates (PKI) .
CSCsi45454	Cisco IOS	ENH to allow traffic to be forwarded with packet-buffer action ignore
CSCsi46469	Cisco IOS	SNMP:loop in cbqosmib on 7609 12.2(33)SRA2
CSCsi46861	Cisco IOS	%MFI-3-REDISTMGR: Redistribution Manager: tracebacks following SSO
CSCsi48975	Cisco IOS	system crash due to Invalid memory action (malloc) at interrupt level
CSCsi49520	Cisco IOS	After SSO, no EOBC buffer available., system cannot recover .

Identifier	Technology	Description
CSCsi51649	Cisco IOS	RP crashes @fm_send_inband_install_message+21C in many cases with NAT
CSCsi52209	Cisco IOS	7600-sip-600 crash at PXF-DFC1-2-FAULT: T0 OHB Exception: SLIP FIFO full
CSCsi54333	Cisco IOS	RP Inlet & Outlet temperatures displayed as N/A on Sup32
CSCsi55626	Cisco IOS	SP hung/RP crashed after mld hosts left from 200-vlan
CSCsi56793	Cisco IOS	Tracebacks seen and Unexpected call: sp_power_mgmt_led() on DFC wan card
CSCsi60125	Cisco IOS	Hosts receive TCP RST due to incorrect NAT translation on cat6k .
CSCsi60472	Cisco IOS	Change default packet-based NF sampling rate to 16 seconds
CSCsi64204	Cisco IOS	SXF:SIP400:ATMSPA Noticeable delay in output of show int atm command
CSCsi69234	Cisco IOS	BFD SM: transition state from Init to Up if recv bfd init packet
CSCsi70920	Cisco IOS	Return traffic doesn't trigger EOU when ip admission on two interfaces
CSCsi72758	Cisco IOS	clear multicast traffic not get to vpnspa in crypto connect mode .
CSCsi74360	Cisco IOS	packet loops between icpu and ocpu while sending clear mcst traffic
CSCsi74923	Cisco IOS	Traceback on changing netflow flowmask
CSCsi76192	Cisco IOS	r3:show wism status not populated until standby up after SSO
CSCsi76936	Cisco IOS	Crash in GLBP if debug is enabled and it revs pkt from unknown group
CSCsi77983	Cisco IOS	RP crashed ipflow_pak_pre_check on shutdown the trunk port
CSCsi86691	Cisco IOS	IOS: BR crashes when it learns OER prefixes via dynamic PBR
CSCsi88920	Cisco IOS	MLD rcvr in SVI stops receiving v6 mcst trffc if another rcvr leaves
CSCsi90011	Cisco IOS	User Auth after Machine Auth causes dot1x security violation
CSCsi93683	Cisco IOS	BFD sessions cannot be removed after creating the maximum number allowed
CSCsi94863	Cisco IOS	New xenpak background task .
CSCsi97311	Cisco IOS	subinterfaces are down in OER even if they are actually up .
CSCsi98993	Cisco IOS	Block FPD for Intel SPROM based ATM SPAs
CSCsj01310	Cisco IOS	Modular-IOS: TCP probes are not working with VRF
CSCsj04905	Cisco IOS	IOS-SLB: FWLB sticky config not get removed
CSCsj07935	Cisco IOS	%CONST_DIAG-SP-2-HM_MOD_RESET:Failed TestFabricCh0Health .
CSCsj09249	Cisco IOS	OER PFR MC crash: divide by 0 crash in oer_br_update_iface_counters
CSCsj16292	Cisco IOS	DATACORRUPTION-1-DATAINCONSISTENCY: copy error
CSCsj18014	Cisco IOS	Caller ID string received with extra characters
CSCsj19019	Cisco IOS	Netflow entries not installed for wccp GRE
CSCsj25470	Cisco IOS	EEM hostnames over 20 characters causes CLI actions to hang
CSCsj27811	Cisco IOS	EOBC buffer leak caused by CMM module .
CSCsj40695	Cisco IOS	EEM: Incorrect TCL event registration string can hang or crash device
CSCsj46607	Cisco IOS	RPF showing up on enabled and disabled check
CSCsj53663	Cisco IOS	EEM: RP crashed at fh_fd_syslog_event_match
CSCsj58287	Cisco IOS	7600-SSC-400 crashes on reload
CSCsj59997	Cisco IOS	VTI tunnel: Arp for tunnel destination instead next hop.

Identifier	Technology	Description
CSCsj60182	Cisco IOS	IPSEC Tunnels not coming up in transport adjacency mode
CSCsj65189	Cisco IOS	Traffic stops over EOM ckt after SSO and followed by TE FRR cutover
CSCsj65755	Cisco IOS	Packet loss with SPI NOT Available message during rekey .
CSCsj82051	Cisco IOS	Cachelines not invalidated on ICPU in error case .
CSCsk09302	Cisco IOS	CDP packets not received on WS-6704-10GE/CFC links with MLS QoS enabled
CSCso08224	Cisco IOS	WS-X6148-45AF port link takes 8 or more seconds to come up
CSCuk56305	Cisco IOS	no mpls ip propagate-ttl forwarded is configured by default
CSCuk57037	Cisco IOS	IGMP: crash at at ../ipmulticast/igmp.c:3162
CSCsb89463	Content	WCCP doesn't redirect packets with 'ip cef' enabled
CSCsc72066	Content	MNLB - incorrect affinities installed
CSCsc94191	Content	WCCP does not GRE Redirect TCP FIN packet that would fragment
CSCsd20327	Content	WCCP going up/down
CSCse29465	Content	CASA traceback routing agent in process causing CPUHOG
CSCse45427	Content	debug ip casa packet displays incorrect values
CSCse76405	Content	CASA wildcard updates dropped
CSCsg30875	Content	wccp blocking telnet to router
CSCsh98343	Content	WCCP redirect-list and mask-acl merge results in wrong redirect info
CSCsi05906	Content	WCCP:appliance failover does not update TCAM adjacency
CSCuk60755	Content	WCCP redirection broken in process switch path
CSCuk61396	Content	WCCP does not interop with NAT/Inspection
CSCuk61773	Content	WCCP: ignore redirect assignment messages with identical content
CSCdx62060	Infrastructure	Interface names made to display full while show int summary done
CSCdy11174	Infrastructure	ciscoFlashCopyTable/ciscoFlashMiscOpTable obj unreadable @ creation
CSCee23195	Infrastructure	Spurious memory access in show ipc queue .
CSCee72249	Infrastructure	snmp-server host only supports 1 host and trap not shown in config
CSCef64439	Infrastructure	PRE takes long time to become STANDBY HOT after switch-over. .
CSCef77951	Infrastructure	excessive processor memory held by IRB/CRB rxtypes
CSCeg12652	Infrastructure	Vrf aware LDP traps fail
CSCeg41564	Infrastructure	Unable to delete snmp-server enable traps sonet from sh run
CSCeg62070	Infrastructure	Tracebacks noticed with Radius configs through HTTP Post
CSCeh12411	Infrastructure	router hangs while executing show runn-
CSCeh62781	Infrastructure	%IPC-5-WATERMARK FAST.control.RIL(2070000.E) seat 2070000
CSCeh74715	Infrastructure	SNMPv1 should not send traps with counter64
CSCeh88425	Infrastructure	ip http client password does not survive reload
CSCei16552	Infrastructure	cannot remove snmp-server engineID from running-config
CSCei32102	Infrastructure	Need an option to disable snmp traps for link during switch failover
CSCei87744	Infrastructure	System doesnt count milli-seconds

Identifier	Technology	Description
CSCej57779	Infrastructure	BGP: some vrf instances are not up on bgp-bpn setup after sys-reload .
CSCek32390	Infrastructure	IP SLA: CPUHOG seen in SAA Event Processor
CSCek42751	Infrastructure	%Error opening system:/running-config (No such file or directory)
CSCek46087	Infrastructure	IPC ack_pending not updated correctly
CSCek48739	Infrastructure	ION config checkpoint SNMP/HTTP handle for sierra branch
CSCek55001	Infrastructure	Dir /recursively with many directories crashes the router
CSCek56630	Infrastructure	race condition in process_sleep_on_timer code
CSCek64188	Infrastructure	Fragmentation fix of CSCek64051 is incomplete
CSCek72874	Infrastructure	Initiator crashes with 500 fvrf and ivrf for BGP protocol
CSCek74114	Infrastructure	ASL: Rollback was NOT able to remove ASL configuration
CSCek77066	Infrastructure	SNMP query returns incorrect flash name
CSCin96568	Infrastructure	FTS-7514-1: CISCO-PROCESS-MIB support for modular IOS
CSCin97208	Infrastructure	Standby does not come up during switchover with slavenvram in access
CSCin99048	Infrastructure	Crash seen when "class-map type inspect" or "sh class-map type inspect
CSCir00786	Infrastructure	AAA authorization shouldnt be invoked when updating Boot Variables .
CSCsa58550	Infrastructure	Alignment correction at ipc_process_raw_pak
CSCsa78886	Infrastructure	v-access leak with pppoe session even though SSS requests v-access .
CSCsb14936	Infrastructure	SNMPv3 EngineID (default value) not established correctly
CSCsb80841	Infrastructure	router crashes when configuring interface range on HWIC-4ESW
CSCsb85983	Infrastructure	bootflash corruption seen even with CSCei17174 fix
CSCsb92309	Infrastructure	reimplementation of cache_interface_state under CSCdw09607
CSCsc04397	Infrastructure	Spurious memory access made at Fcheck_interface_state
CSCsc06891	Infrastructure	no traps are sent when CF is inserted or removed.
CSCsc13652	Infrastructure	SNMP: value of _LargestFree is greater than total amount of memory.
CSCsc13670	Infrastructure	Rollback: backups generated are truncated at times in archive feature .
CSCsc33350	Infrastructure	snmp trap link-status compulsorily becomes disable in dot1Qsubinterface
CSCsc44237	Infrastructure	memory leak in client applications iterating over an empty idb list
CSCsc53414	Infrastructure	IOS Low Memory Caused by SSH
CSCsd13491	Infrastructure	show memory statistics history displays wrong values in processor pool
CSCsd23127	Infrastructure	IPC-SP-2-LOCK IPC-SP-2-UNLOCK followed by tracebacks on SSO s/w
CSCsd24224	Infrastructure	SSO: standby reloads due to config sync error atno exception crashinfo
CSCsd29469	Infrastructure	Cat6000 SNMP stops responding while polling from ciscoEnhancedMemPoolMIB
CSCsd32923	Infrastructure	Bus Error in Exec attempting command completion in a full command buffer
CSCsd36608	Infrastructure	Multiple IPC Versioning Process instances causing memory leak
CSCsd37284	Infrastructure	SP06: Unexpected exception to CPUvector 2000, PC = 0 when copy rmon cfg
CSCsd38693	Infrastructure	Renaming ATA/CF file to a name ending with ... corrupts DOS File System
CSCsd49133	Infrastructure	Alarms are not pouplated in ceAlarmTable - ceAlarmList is empty.

Identifier	Technology	Description
CSCsd59610	Infrastructure	%SYS-4-REGEXP: new engine: regexp compilation had failed.
CSCsd62013	Infrastructure	Traceback on Standby RP@add_ipmapping_entry_private+74
CSCsd65958	Infrastructure	Incorrect value for ifHCInOctets, ifHCOctets, ifHCInUcastPkts
CSCsd70700	Infrastructure	rsp crashed with TB pointing to rlib_event_card_inserted()
CSCsd72511	Infrastructure	SNMPv3 community strings are sent in the clear (TACACS+ accounting)
CSCsd77560	Infrastructure	snmp auth/priv users are not persisted across reload
CSCsd77751	Infrastructure	IOS - SUP720 - sends empty/blank syslog messages
CSCsd80252	Infrastructure	verify /md5 returns error msg %Error computing MD5
CSCsd90876	Infrastructure	Rainier:memory corruption when a '
CSCse10074	Infrastructure	MF: any traps sent to a host specified to V3 user will crash active .
CSCse19199	Infrastructure	C2C1: config snmp traps and host will casue SNMP entity no access 2 mins
CSCse22016	Infrastructure	MLPoATM config gets truncated and link goes down after router reload
CSCse42502	Infrastructure	snmp-queue length incorrect
CSCse56676	Infrastructure	Some SNMP notifications go to the wrong host
CSCse80032	Infrastructure	Mediation Device cannot resync SNMP engine time after 7600 reload .
CSCse82855	Infrastructure	show monitor event-trace error message prints to syslog not terminal
CSCse95758	Infrastructure	Access Lists support for all CONFIG-COPY-MIB protocols under snmp-server
CSCse98807	Infrastructure	Traceback, Process=SNMP Timers, %SCHED-3-STUCKMTMR during regression .
CSCsf00284	Infrastructure	Event trace timestamps should be datetime no uptime by default
CSCsf03710	Infrastructure	ION - Process and Mempool MIB - collapse of ion_mibs_all branch
CSCsf04921	Infrastructure	18SXF6: getnext loop condition detected on ciscoFlashFileTable .
CSCsf27228	Infrastructure	Coredump is not working properly in NativeIOS
CSCsf32784	Infrastructure	Need a mechanism to tell if a CF disk is bootable
CSCsg00673	Infrastructure	SNMP query on Transient memory shows wrong values .
CSCsg04840	Infrastructure	Fix the list of SA warnings
CSCsg06724	Infrastructure	Box crashes with 100 VRF Lite Config with PIM & BGP
CSCsg15939	Infrastructure	Switches crash after remove/plug in compact flash
CSCsg25826	Infrastructure	CiscoFlashMib ciscoFlashPartitionName is truncating the flash name
CSCsg28584	Infrastructure	show list does not display all entries; list corrupted
CSCsg32222	Infrastructure	Need the support for 64 bit bit/second OID on Cat6k/7600
CSCsg40016	Infrastructure	show tech causes various system problems
CSCsg42072	Infrastructure	Virtual Exec sessions not freeing memory
CSCsg43466	Infrastructure	%IPC-5-INVALID: Invalid Dest Port w/ TB @ ipc_xmt_account after SSO
CSCsg61640	Infrastructure	System repeatedly crashes with/without no ip address command
CSCsg70355	Infrastructure	adopt new default summer-time rules from Energy Policy Act of 2005.
CSCsg71381	Infrastructure	Disabling cisco-specific lsa and tty, removea all ospf trapa from conf
CSCsg80228	Infrastructure	Additional byte appended to ifIndex causes SNMP trap misalignment

Identifier	Technology	Description
CSCsh23981	Infrastructure	IPC ISSU: First message to seat 0x2070000 not found .
CSCsh28948	Infrastructure	High CPU for sh run/wr mem with PTA sessions up
CSCsh46540	Infrastructure	Router hangs with simultaneous format and copy operations
CSCsh64335	Infrastructure	Snmp query on a directory with more than 127 char causes crash
CSCsh70638	Infrastructure	Spurious memory access @ top_proc_hist_entry
CSCsh79371	Infrastructure	SNMP memory leak for Modular IOS on 12.2(18)SXF6 .
CSCsh93041	Infrastructure	PRE2: ifLastChange OID is increasing slightly over the time
CSCsh93638	Infrastructure	High PacketLossSD values when gathering SAA data
CSCsi04892	Infrastructure	unconfigure no ip sla schedule 2 gives error message
CSCsi11056	Infrastructure	Cannot configure http probe
CSCsi15080	Infrastructure	RP crash when listing files by using the context-sensitive help
CSCsi17590	Infrastructure	CPUHOG at process check heaps with 600 vrf configured on PE router .
CSCsi22502	Infrastructure	installer imf.tar file not being zipped creates uninstallable image
CSCsi48665	Infrastructure	Specify exact or prefix for SNMPv3 group to context name assoc. from CLI
CSCsi51014	Infrastructure	disk access CLI freeze the router after running fsck .
CSCsi73444	Infrastructure	IPC: %SIP200_MP-4-PAUSE: Non-master CPU is suspended for too long, from
CSCsj55691	Infrastructure	HTTPS: crash at http_ssl_read when https url is not ready
CSCdy14140	IPServices	bus error at tcp_outputpending caused by sh run and format slot att
CSCed28542	IPServices	%SYS-2-INTSCHED: may_suspend at level 3 in IP NAT Ager
CSCed93425	IPServices	DHCP Database fails to write to local flash.
CSCed95187	IPServices	IP ID field is predictable for connectionless RST packets .
CSCee30364	IPServices	ip ftp username not used after username was previously used in URI .
CSCee32814	IPServices	Source port selection is predictable, should be harder to guess
CSCee73956	IPServices	BTSH: TCP filtering support .
CSCef09586	IPServices	CMs stuck in init(d) if DHCP ser. ip addr. overlaps with diff VRF
CSCef59415	IPServices	routes still exists even after clear ip dhcp binding
CSCeh11675	IPServices	NAT failures with port allocation
CSCeh35980	IPServices	after unconfig & config of BGP, seeing a crash in TCP .
CSCeh83666	IPServices	ip/ipnat_db.c: dereferenced pointer prev_block might be null
CSCeh86935	IPServices	Multiple TCP services (incl. TACACS+) use incorrect source address .
CSCei27084	IPServices	CLI on Discontiguous pools broken : hides later pools
CSCei93982	IPServices	Modified ALG classification base on src & dst port
CSCek12203	IPServices	File system issues after unsuccessful FTP operation. .
CSCek25582	IPServices	continuous Spurious Accesses at igmp_process_timers
CSCek66164	IPServices	show command pipeline redirect into rcp crashes the router
CSCek68118	IPServices	window scale option(03030001) occurs in debug ip tcp packet output .
CSCin78000	IPServices	LDP session in xmit state if MPLS flapped at high traffic on L2 SUP3

Identifier	Technology	Description
CSCsb27868	IPServices	DHCP Relay should unicast offer/ack on unnum ethernet sub- int
CSCsc12899	IPServices	SSM Mapping configuration inside a VRF broken
CSCsc47919	IPServices	VRRP does not correctly interoperate with Proxy ARP
CSCsc61309	IPServices	Buffer leak in dhcpv6.
CSCsc78813	IPServices	DNS reply payload does not get translated in the NAT router.
CSCsd23056	IPServices	reverse telnet (tty daemon) broken by TCL feature
CSCsd33013	IPServices	FHRPs fail to clear ARP entry after Duplicate IP event
CSCsd42600	IPServices	%SYS-3-BAD_RESET alongwith SegV exception crash
CSCsd43344	IPServices	isis-nsf info doesnt sync with standby in SSO mode .
CSCsd50113	IPServices	HSRP State Change Logging Level Incorrect
CSCsd51530	IPServices	autocommand-options nohangup is removed on line vty 0-4
CSCsd52667	IPServices	CLI: ip nat pool config causes cpuhog and router crash .
CSCsd61092	IPServices	SSM-Mapping enabled in the vrf but not NVGEN'd
CSCsd69052	IPServices	Netbios/NAT optimization
CSCsd80754	IPServices	HSRP Active-Router not respond to ARP request about VIP
CSCsd87810	IPServices	IOS tftp server should not differentiate between / and backslash in path
CSCse01124	IPServices	HSRP groups stuck in Init state if dampening cfgd on certain interfaces
CSCse02028	IPServices	Some commands fail in APPEND of FTP which uses KRON.
CSCse04560	IPServices	tftp-server allows for information disclosure .
CSCse05106	IPServices	sh mls netflow ip sw-installed does not show any flow with NAT config.
CSCse05736	IPServices	A router running RCP can be reloaded with a specific packet .
CSCse23548	IPServices	modular ios (ION) : logging source-interface command ignored
CSCse51263	IPServices	RP side console Exec process hangs deadly sometimes
CSCsf16715	IPServices	TCP will leak TCBs if app closes in notification callback context
CSCsf27218	IPServices	Router does not reply to TCP ECHO request
CSCsf33034	IPServices	T/B tcb_isvalid+7C during bootup and when EOMPLS vc is configured.
CSCsg00846	IPServices	Crash of RP blob due to a missed inetd_service_mutex unlock
CSCsg19598	IPServices	SSH session hangs intermittently
CSCsg38013	IPServices	ssh ipv6 client not working with ION image .
CSCsg39837	IPServices	Add Transport Port Agent to allow reserving/randomly generating ports
CSCsg49882	IPServices	ip ftp source-interface ip address & interface chang after write mem
CSCsg56926	IPServices	no logging console not working in ION for tcp debugs
CSCsg59059	IPServices	sup720 crashes when delete ip nat pool after clearing nat translations
CSCsg78218	IPServices	can not remote ip rcmd mwam 0.0.0.0 mwan enable on 12.2(18)sxd7a
CSCsg99331	IPServices	Show host doesn't display hostname fully for Unknown, temp entries .
CSCsg99600	IPServices	Modular IOS : ip helper address 1.1.1.255 not work
CSCsh21505	IPServices	ip helper address on vrf interface in ION, dhcp routed with global table

Identifier	Technology	Description
CSCsh24843	IPServices	DHCP Relay-Agent forwarding out incorrect VLAN using IP-Unnumbered
CSCsh25210	IPServices	'ip dhcp database' may fail by running 'config replace'
CSCsh31939	IPServices	c2w1:ciscoFtpClientMIB:Get & Set operation cause process deadlock & crash
CSCsh33430	IPServices	Crash in hsrp_addr_hash_lookup or hsrp_addr_hash_lookup_interface
CSCsh36234	IPServices	install commands fails with SCP as source .
CSCsh56081	IPServices	Spanning tree of vlan-bridge is operated incorrectly
CSCsh58099	IPServices	ftp process should call a registry cleanup- Message Could not register..
CSCsh59375	IPServices	Relay_vrf:dhcp ip addr not switched after smart-relay enabled .
CSCsh59439	IPServices	Unable to configure same HSRP virtual MAC address on several interfaces
CSCsh75069	IPServices	Input Queue Wedge with UDP Echo packets .
CSCsh75240	IPServices	nat log translations syslog does not work
CSCsi10974	IPServices	Error configuring dhcp option 67
CSCsi29875	IPServices	3/27: SP: oir_rf_reload_self: icc_req_imm failed, node not booting
CSCsi33626	IPServices	Tracebacks in qde_start in transport_port_agent, semaphore uninitialized
CSCsi40766	IPServices	H323 calls fail after router processes total of 54535 calls
CSCsi45840	IPServices	ARP requests for HSRP virtual IP may fail after switchport cmd is used .
CSCsi51178	IPServices	Switch crashes due to ssh session at pak_client_set_pid .
CSCsi77774	IPServices	On modular IOS,Telnet on VRF int is allowed irrespective of vrf-also key
CSCsj07297	IPServices	Config Sync: in no vrrp 1 preempt and standby resets
CSCsj09846	IPServices	crash during bootup with ALIGN-1-FATAL:Illegal access to a low address
CSCsj22472	IPServices	BGP forced deleting vrf ARP entry if BGP session is not up
CSCsj38828	IPServices	Sierra:Memory Leak on HTTP Core Task during Webauth/http access
CSCdz80245	LAN	SNMP: Need ifDescr output without description
CSCek46996	LAN	Cwan FA-PA port need to be in promiscuous mode if IP address not conf
CSCek65222	LAN	vlan config produces inconsistent results
CSCsc69537	LAN	GigE sub-interfaces not registered with SNMP after LC reload
CSCsd34855	LAN	VTP update with a VLAN name >100 characters causes buffer overflow .
CSCsd94687	LAN	sh vlans counters and SNMP counters are incosistent for subif
CSCse25462	LAN	VTP password configuration should follow IOS conventions
CSCse40078	LAN	VTP integer wrap
CSCsf25728	LAN	Unable to session to FWSM when source-bridge ring-group is configured
CSCsd55300	LegacyProtocols	DLSw ER LLC session fails to connect with SUP720 or SUP32
CSCse13882	LegacyProtocols	Show dlsw peer caused router to crash
CSCse17611	LegacyProtocols	DLSw Circuits Connect outside of DLSW ER to switch with passive mapping
CSCei29821	Management	cns config initial is not getting removed from startup configuration
CSCek36010	Management	Need show cdp port <module> option in IOS
CSCse95996	Management	PRC: config.failure recvd when attr is verbose=all, legacy CLI

Identifier	Technology	Description
CSCsg05873	Management	Buffer leak with SNA Focalpoint PU consuming middle buffers with NMVTs
CSCsg88433	Management	IP Telephone issues seen with Dhcp snooping and NAC posture validation
CSCsh79171	Management	SNMP GetNext on cdpGlobalLastChange.0 returns error
CSCdy83805	MPLS	%MPLS_TE-3-CONSISTENCY: consider replacing errmsg with buginf
CSCdz08851	MPLS	FRR doesnt trigger on ethernet using RSVP HELLO
CSCec56047	MPLS	TE:gtag-rrr: TSP Tunnel not up (Destination IP address not found)
CSCed21063	MPLS	TE Tunnel Destination Label Missing
CSCed71976	MPLS	MPLS error messages are incomplete and need improvement (TE)
CSCef02056	MPLS	Inter-AS TE lsp keeps on re-signal when RSVP Policy rejects on ASBR
CSCef59507	MPLS	Dead LDP session still shows up after new session established
CSCef87449	MPLS	RRR LM: Admin shut handler does not preempt LSPs
CSCeg11894	MPLS	MPLS VPN: Forwarding failure between CSC-PE and PE to CSC-CE link
CSCeg74562	MPLS	LDP Scalability Problem with high neighbor count
CSCeg83614	MPLS	Crash while signalling FRR BW-P LSP
CSCeh18195	MPLS	MPLS-TE: packet loss when switching to tunnel intf after OL clears
CSCeh29183	MPLS	Tracebacks and FIB messages on auto-tunnel mesh bringup
CSCeh32706	MPLS	Inter-AS LSP is fail to signal after rebooting headend as ASBR box
CSCeh51720	MPLS	TE LM floods link in wrong area after links area is changed in ospf
CSCeh53373	MPLS	MPLS TE Inter-Area Node Protection Broken
CSCeh54615	MPLS	LDP Label Mapping msg optimization problems
CSCeh55186	MPLS	MPLS-TE: Pasive i/f command on broadcast links does not work properl
CSCeh72672	MPLS	rainier: duplicate per-vrf aggregate labels in LFIB after SSO swtove
CSCei83160	MPLS	PIM neighbor not recognised with multicast vrf tunnel.
CSCej00319	MPLS	RP Crash for E2 E3 E4 E4P interaction
CSCej01615	MPLS	LDP Scaling Problem with Release and Withdraw Messages
CSCej10404	MPLS	BN: 10GE - remote P fails to FRR - loss >50ms
CSCek28918	MPLS	BGP Peer route is NOT re-installed after clear ip route *
CSCek30891	MPLS	Traffic loss during reopt for zero bw TE LSPs
CSCek35484	MPLS	FRR: MP tears down protected lsp if local protection des flag rese
CSCsa65819	MPLS	BGP IPv4+Labels: Make send-label unconfigurable on non MPLS images
CSCsa77411	MPLS	RP crash at rrr_lm_unlock_bandwidth
CSCsb29168	MPLS	FRR-MIB: protected option is not properly displayed
CSCsb29326	MPLS	FRR-MIB:snmpwalk fails with cmplsFrrFacObjects
CSCsb52900	MPLS	mpls forwarding table label inconsistency after switchover
CSCsb85903	MPLS	R3.1 :Stdby RP Crashed @netsuper_lookup while becoming Active on SSO
CSCsb99035	MPLS	MPLS-TE Tailend does not reflect Path MTU into max pkt size
CSCsc02825	MPLS	12.3 Bus Error crash due to MPLS TDP process

Identifier	Technology	Description
CSCsc14208	MPLS	7600: Automesh tunnels went down after changing loopback IP address
CSCsc40236	MPLS	NRT: Multipath for IPv4+labels is broken when mpls ip is toggled
CSCsc94359	MPLS	BGP table and CEF forwarding table have mismatched labels
CSCsd21449	MPLS	MPLS-TE:No protection to primary LSP whilst reoptimising to optimal path
CSCsd33867	MPLS	MPLS TE Auto-Tunnel: Primary Tunnel missing protection from N-NHOP
CSCsd40153	MPLS	Rainier: label is not advertise to downstream ldp neighbor after reload
CSCsd43514	MPLS	CPU stuck in 99% after clear auto-tunnel backup or shut & no shut int
CSCsd55004	MPLS	FRR path gets reoptimized while in Active state
CSCsd87844	MPLS	change RD cause standby PRE reset
CSCsd87915	MPLS	TE tunnel goes down after SSO when refresh interval is 5000msec
CSCse09498	MPLS	Primary Tunnels not being established when using Auto-Tunnel mesh
CSCse38446	MPLS	NRT:snmp requests hangs when doing TE_MIB - mplsTunnelResourcePointer
CSCse75429	MPLS	Sierra: LDP neighbour doesnt come UP when LDP-GR is enabled
CSCse93633	MPLS	Auto-tunnel primary tunnels created to id 0.0.0.0
CSCsf14018	MPLS	sierra IOU/ION crash at vrf_sub_destroy() on config/unconfig of VRFs
CSCsf19418	MPLS	sh mpls ldp graceful-restart can cause router restart
CSCsf98345	MPLS	vrf-interface down cause LDP peer reset
CSCsg11718	MPLS	vrf stuck in delete pending state
CSCsg17790	MPLS	Large traffic drops intermittently observed on PRE3 switchover
CSCsg22369	MPLS	FRR in Ready state when bak tun is down after te config toggled in IGP
CSCsg44555	MPLS	7600 MPLS TE mid-point stuck at up/down and Juniper headend up/up
CSCsg96651	MPLS	%TDP-3-PTCLREAD: peer 6.6.6.6:0, read failure seen w/ VCs going down
CSCsh23227	MPLS	Packets dropped on FRR backup tunnel with FA
CSCsh35249	MPLS	targeted LDP convergence improvements
CSCsh38086	MPLS	TE tunnels can have maximum uptime 49 days, 17 hours, 2 minutes
CSCsi14211	MPLS	LDP process should optimize its cleanup of a down session
CSCec73297	Multicast	PIMv6: Unicasted PIM messages dropped if arriving over a non-PIM int
CSCee03081	Multicast	PIMv6: Source address for the register tunnel should be configurable
CSCef60452	Multicast	possible blackout when receiving Join on RPF interface (iif)
CSCeh67947	Multicast	Auto-RP group 224.0.1.40 Pruned after Assert.
CSCej10551	Multicast	MIB: ciscoPimInvalidRegister trap should return src of register
CSCej32303	Multicast	need to remove ip pim message-interval
CSCej78303	Multicast	RP crash @ pim_tt_grange_first after CMD: no ipv6 unicast-routing
CSCek31478	Multicast	ip multicast boundry cmd does not take effect after modify ACL
CSCek36056	Multicast	BSRv6: CLI failure on [ipv6 pim bsr candidate bsr] + BSR is broken .
CSCek42421	Multicast	One prune not processed on receiving batched join/prune message
CSCek46450	Multicast	consolidate CSCek33784 and CSCdv53060

Identifier	Technology	Description
CSCek66440	Multicast	iprouting crash at reg_attempt_remote_call with BGP
CSCsa64481	Multicast	RPF error when route is bound to serial interface
CSCsb85290	Multicast	IPv6 BSR: BSM forwarding breaks with ipv6 vrf implementation
CSCsc29555	Multicast	Memory Leak at pimv2_build_assert
CSCsc72515	Multicast	Bidir: On becoming non-DF, downstream int not deleted from olist
CSCsc98828	Multicast	PIMV6: SR flag set on RP acting as first hop
CSCsd13124	Multicast	Candidate BSR does not failover immediately when bsr interface is shut .
CSCsd16043	Multicast	Auto-RP for multicast may prematurely expire the group to RP mappings .
CSCsd17747	Multicast	Leftover ip pim vrf register-source command cause standby RP keep reset.
CSCsd39528	Multicast	Sync Damage: PIM Reg tunnels with duplicate ifindex values.
CSCsd42929	Multicast	Router does not ignore MLDv1 Leave group in SSM range
CSCsd49955	Multicast	RPF info created by (S,G) RPT-bit prune does not change by (S,G) join
CSCsd64138	Multicast	ip multicast rpf not configurable in 12.2(18)SXF3
CSCsd68993	Multicast	Fluctuation in IPv6 mcast trffic fwdng happns with large numbr of strms
CSCse03637	Multicast	PIM Dense Mode - Prune sent in error after assert is won .
CSCse05960	Multicast	PIM leaking memory used for xdr messages
CSCse09435	Multicast	PGM router assist on GRE causes small pool buffer leak
CSCse20714	Multicast	MSDP doesnt send triggered SA for non-directly connected PIM-DM source
CSCse34768	Multicast	VRF PIM neighbor lost if existing vrf mroutes exceeds route-limit value.
CSCse34938	Multicast	ipv6 pim bsr border command not available on LAN sub-interfaces
CSCse44079	Multicast	Multicast UDL - High CPU in IGMP Input when UDL interface down .
CSCse92050	Multicast	With mis-configuration, router may reload at twheel_running
CSCsg24505	Multicast	PIM-DM Assert winner does not always send prune
CSCsg58641	Multicast	Traceback: SCHED-2-MESSAGE: Key (PIM Process)
CSCsg71344	Multicast	PIM Join is not sent when shut/no shut is done
CSCsg94099	Multicast	PIM Register not sent to RP when mcast source is connected PPPoE client
CSCsh58021	Multicast	InetAddress objects in CISCO-PIM-MIB returned as strings instead of hex
CSCsh78277	Multicast	Sierra: mwheel CPUhog on RPF link failure causing crash .
CSCsh83214	Multicast	Named access-lists (with no matches) created when used with PIM commands
CSCsi03359	Multicast	Sending extra PIM hello if the first one does not go through
CSCeh71577	platform-72xx	Traceback found while loading image
CSCeg77503	platform-76xx	SAA Packets do not hit the outbound service policer
CSCeh32595	platform-76xx	Ping fails across atm interface after configuring routing protocols
CSCsa47099	platform-76xx	IPX broke on wan link of OSM-2OC12-ATM
CSCsa53708	platform-76xx	OSM crashes under stress when having to pad packets
CSCsa95421	platform-76xx	OSM-1OC48-POS-SS+ drops packets
CSCsb64975	platform-76xx	Rate counters are erratic for a bi-dir traffic more than 2 Gig

Identifier	Technology	Description
CSCsc25557	platform-76xx	PORT3: Router crashed in CWAN OIR Handler in attempt to lock a semaphore
CSCsc73288	platform-76xx	OSM asic error:SRIC packet data CRC error
CSCsd25766	platform-76xx	OSM-1OC48-POS: APS Protect-Inactive port is receiving and fwding packets
CSCsd80632	platform-76xx	12.2(18)SXE2 ifHCInOctetssub interface traffic is not close to the main
CSCsd88401	platform-76xx	input packet drop w/ gt48520 mac_rx_error at port2 on OSM-2+4GE-WAN+
CSCse05336	platform-76xx	Packet drop on OSM-2+4GE-WAN+ if sub-if is created or deleted
CSCse26606	platform-76xx	packet drop occur when issuing shut/no shut on other sub-if /w OSPF
CSCsg21429	platform-76xx	STM-16 interface in OSM line card flaps endlessly upon SUP switchover .
CSCsg40425	platform-76xx	OSM-1OC48-POS-SI+ keeping reset due to POSLC-3-SOP .
CSCsg87037	platform-76xx	ATM OSM has compatibility issue with 3rd vendor device
CSCsh41006	platform-76xx	change earl reset patch-limit crash disable test cmd to a config cmd
CSCei76630	PPP	PP:R3:FW2+ATM:MLPPPoA+dLFI: I/O Pool MALLOCFAIL after PORT DOWN/UP
CSCek26657	PPP	Rainier:STD RP showing IPV6-STDBY-4-IDB: state mismatch messages .
CSCek49202	PPP	MLP: interface in invalid state when changing group fails .
CSCin44386	PPP	Multilink interface flaps after a router reload
CSCin86885	PPP	vip crashes due to memory corruption on freeing mlp bundle
CSCsb42241	PPP	VIP crash in ct3sw_rx_interrupt with PA-MC-2T3+ PA
CSCsb97950	PPP	dLFIoATM: Packets with CLP set, get punted to RP.
CSCsc33562	PPP	SNMP ifInOctets shows negative value for MLP interface
CSCsc37902	PPP	Standby MSFC may experience bus error after RP_MLP-4-MISCONFIGLINK.
CSCsc45771	PPP	7500 VIP4-80 Crash with Unexpected exception, decode vip_mlp_periodic
CSCsc69804	PPP	SIP1-ChOC3:Initial packets fail with SW-MLP on SIP-200
CSCsd21567	PPP	Distributed counter statistics for UUT is incorrect
CSCsd30719	PPP	A2A: Stdbyp sup crashes @ mlp_remove_link .
CSCsd35268	PPP	MLP: Bundle line prot down after sh/no sh with min-links config
CSCsd43211	PPP	Rainier: dLFIoLL with oversubscription crashes SIP-200 on HA switchover
CSCsd72854	PPP	ISIS over MLPPP fails after reboot .
CSCse11678	PPP	SIP: Ping fails after removal of primary link from multilink bundle.
CSCse20150	PPP	SIP1-CT3:SW-MLP: all intf are going down w/46 byte pkt size @LR traffic
CSCse91675	PPP	SWMLP: all intf are going down w/46 byte pkt size 8links/bundles@LR trfc
CSCsf10497	PPP	MLPPP bundle across the SPAs are not configurable
CSCsf25712	PPP	Sip-200 CPU1 crash @ blt_pak_holdq_peek
CSCsg02881	PPP	MLP: Bandwidth of down MLP group should be sum of member bandwidths
CSCsg11708	PPP	Receive adjacency & process switching of pkts on mlp if after switchover
CSCsg25664	PPP	dLFIoMLPPPoATM PA: Corrupted PC crash PR
CSCsg35429	PPP	CLI:Spurious Memory access at ppp_ncp_cstate .
CSCsi48550	PPP	dMLP: account lost_frags& rx discards as bundle intf input error

Identifier	Technology	Description
CSCec26696	QoS	RSVP shows wrong allocated bw in show ip rsvp interface
CSCec80902	QoS	Router crashes with Bus Error at 0xFD011147
CSCec85835	QoS	RSVP treats compressed flows as non-conformant
CSCed54330	QoS	WFQ on virtual-template causes allocation error and tracebacks
CSCed79634	QoS	police percent conversions are incorrect in 2nd and 3rd lvl policies
CSCee13430	QoS	Crash observed when reconfiguring channel-group
CSCee36050	QoS	VIP crash when re-use channel group with set service policy
CSCee47275	QoS	card resets due to [no] fair-queue cleanup loops
CSCee56112	QoS	Show Policy interface input/output should not display all.
CSCee66909	QoS	ct3 spa: qos configs should be blocked on multilink member links
CSCee68344	QoS	GE-WAN card crashes in /enqueue/process-policymap_msg/policymap_hash
CSCee69260	QoS	FIFO queueing with QoS service-policy
CSCef21601	QoS	ResvConfirm dropped when non-RSVP hops exist along a calls path
CSCef25953	QoS	dwred statistics are not updated in show policy-map int output
CSCef44588	QoS	Info: Illegal normal burst size seen with default config
CSCef46134	QoS	CPUHOG at CEF MQC IPC Background on SIP-600 on remove/apply qos
CSCef63607	QoS	Crashes seen during boot if ATM WIC is installed & NAT on int config
CSCef66517	QoS	packet drop on flexwan when traffic shaping
CSCef91275	QoS	RSVP: policy does not retry outbound request after failure
CSCeg25493	QoS	VIP Bus error crash in get_same_id_actiongroup
CSCeg30179	QoS	NRT: crash @ hqflayer_update()
CSCeg33229	QoS	VIP crash when service policy removed from MFR int with traffic
CSCeh31441	QoS	Flexwan module powercycles with shaping+dLFIoATM
CSCeh54083	QoS	random-detect aggregate cmd not working for virtual-template
CSCeh82893	QoS	PP:R3:SIP400:QOS: LLQ+police drop rate counters are broken
CSCeh84740	QoS	VIP crash on RPR+ switchover with qos config and high load traffic
CSCei09171	QoS	PP:R3:SIP-200: %C7600_SIP200_MP-4-PAUSE @ fibidb_handle_delete
CSCei10181	QoS	PP:R3:FW+MLP+MLFR:MALLOCFAIL for LLQ+CBWFQ to hit the LC crash
CSCei16615	QoS	Neighbor crash at avl_get_first when shut/no shut tunnel on LSP-head
CSCei24965	QoS	PP:R3: Block qos policy with bandwidth guarantee of > 100%
CSCei65865	QoS	Policy doesnt send modified path to downstream with refresh reductio
CSCei67700	QoS	frde failed to match control packets on fr over AToM
CSCej09368	QoS	Abnormal queue depth for time and byte based WRED on ETH over AToM
CSCej77367	QoS	RP crash at hqf_check_vc_layertype during qos testing
CSCek05730	QoS	Bus error crash at mlp_fastswitch_les.
CSCek25851	QoS	Rainier:PWAN2: Router crash @hqf_police_update on attaching qos poli
CSCek29478	QoS	MPLS TE tunnel fails with path option Loose as first hop

Identifier	Technology	Description
CSCek34117	QoS	SIP1+ATM(OC3 SPA): Crashed at hqf_walk_and_police_inline() .
CSCek37011	QoS	Rainier:SIP-200:LC crash @hqf_dp_fifo_cleanup on rem HQoS child pol
CSCek43669	QoS	defaultclass input policy not work for non-queue class for sip1 atm
CSCek44025	QoS	Hierarchy is not collapsed when FRF.12 is configured
CSCek63384	QoS	Service-Policy is Lost When the Multilink Interface is Reset .
CSCin72437	QoS	MQC: Concurrent access crashes the Flexwan during switchover
CSCin86096	QoS	Classification matching on IPv6 acl fails
CSCin96590	QoS	RSP: VIP crash @free_wred_stats on rpr+ s/o w/ traffic w/mlp-qos
CSCin96938	QoS	Spurious access at no_vc_backpressure
CSCsa68661	QoS	LC crashes when service-policy is configured on channelized interface
CSCsa80132	QoS	RSVP reservation across secondary link torn down after 1 minute
CSCsb25607	QoS	dLFIoFR: all lp pkts dropped on oversubscribed mixed traffic
CSCsb32141	QoS	Router reloads when admitting an RSVP flow
CSCsb36818	QoS	Service policies lost on interface bw reconfiguration
CSCsb40118	QoS	Unable to reserve more than 99% of bandwidth
CSCsc00993	QoS	Lower tx-ring-limit for ATM VCs with higher SCR when QoS is enabled
CSCsc35609	QoS	Crash in rvsp tail-end while shutting down egress interface on mid
CSCsc39917	QoS	show policy-map interface shows default bandwidth for class-default
CSCsc43751	QoS	RR & Auth interop issue: test for Integrity obj in bundle msg too strict
CSCsc62327	QoS	Bad RSVP MD5 Authentication Messages when many topology changes
CSCsc90843	QoS	Crash in HQF when deleting service-policy
CSCsc93633	QoS	Software bus error crash on 7206VXR w/12.3(14)T3 w/ NBAR configured
CSCsc95511	QoS	Bus error crash at hqf_scheduler_info_init
CSCsc98510	QoS	Enhanced Flexwan reloads with VRF/MLPPP/QoS
CSCsd09892	QoS	no fair-queue causing VIP crash .
CSCsd17641	QoS	SIP-400 QOS: after changing hier. policy, the policy no longer attaches
CSCsd37025	QoS	CPUHOG and crash when removing nbar policy-map
CSCsd47863	QoS	Refresh are not sent downstream after change in path with RR+policy
CSCsd56696	QoS	A2A: FR Adaptive shaping is not accurate .
CSCsd68445	QoS	Unable to attach the new hierarchical service policy onto the sub-intf .
CSCsd71119	QoS	ALL ATM PVC DOWN IN FLEXWAN WITH PA-A3-OC3 AND OAM
CSCsd71131	QoS	dLFIoLL + QoS : service policy is suspended after clear int mul
CSCsd76528	QoS	Queues not released after deletion of mch vlan for HQoS policies .
CSCsd95712	QoS	VIP4-80 with local switching and QoS crashing
CSCse02510	QoS	Crash with ALIGN-1-FATAL at hqf_process_wfq_command
CSCse17960	QoS	Address Error crash with tcp retransmit to ATM VC with qos
CSCse22161	QoS	RP pool Memory corruption SXF4 - checkheaps_process/validblock crash

Identifier	Technology	Description
CSCse94388	QoS	SIP200 crash at dlfi_do_fragment on HQF with priority .
CSCsf11353	QoS	Autobahn:FW2 kept crash at hqf_dp_set_blt_quantum and dlfi_inform_config
CSCsf20194	QoS	SIP-200 crashes after OIR when both input and out policy attached to MFR
CSCsf27085	QoS	SIP200 CPU1 crash@hqf_sip1_work_with_callback on removing priorit class
CSCsh46565	QoS	PWAN2 HQoS(LLQ): shape ave rate is not applied .
CSCsh65322	QoS	ATM output packet drops on 7600 with Enhanced FlexWAN and PA-A3-OC3SMI .
CSCsh76895	QoS	Multiple conform and voilet action allowed under single classmap .
CSCsi01422	QoS	Hierarchical Frame-Relay QoS does not work .
CSCsi05251	QoS	bus error crash at get_rateinterval_from_service_policy at subint delete
CSCsea46927	Routing	ISIS-NSF: Cautiously refresh neighbor adjacency on RR reception
CSCed06329	Routing	BGP-v6: Version number churns when multipath configured on BGP-v6
CSCed17879	Routing	advertise ipv4 routes across ipv6 BGP peers not working
CSCed23406	Routing	Redistributed routes stuck in RIP database permanently
CSCed84633	Routing	support for intf option in distribute-list under address-family. .
CSCed87897	Routing	sh ip route missed default gateway after ip default-net command
CSCee01688	Routing	NAS crashes at ip2access_add_acl_item() while running stress test
CSCee35050	Routing	%OSPF-4-NORTRID not correct with multiple vrfs using same IP
CSCee40207	Routing	Memory leak in BGP Open Process After SSO RP Switchover
CSCee43724	Routing	CsC BGP ipv4+label not consistent with e-bgp next-hop change
CSCee50452	Routing	RRI: static routes removed from config when peer disconnects
CSCef50427	Routing	System crashed when show ip bgp XX.
CSCef59924	Routing	ISIS: rtr. crash at isis_free_next_hop_parent_list
CSCef70161	Routing	vrf peers with same policy fall into different update-group .
CSCef93058	Routing	ARP req was send with delay when each VRF uses same dest IP
CSCef97738	Routing	BGP/MVPN: incorrect update-source is passed from BGP to MVPN
CSCeg03019	Routing	cef not working between different tunnels .
CSCeg13748	Routing	Ping loss to HSRP vip address of a VRF interface on sup720
CSCeg16631	Routing	CSCee32557 breaks RIP distribute-list w/ VRF interface
CSCeg52659	Routing	BGP route may not get withdrawn under rare condition
CSCeg57155	Routing	BGP: network statement prefix is not originated when auto-summary on .
CSCeg58039	Routing	BGP: changing the max-paths value may cause a crash .
CSCeg85719	Routing	IPHC: UDP frames from MWR1900 or RPM-XF may be discarded
CSCeh09588	Routing	300 second traffic loss with 100 OSPF neighbor after SSO switchover
CSCeh31691	Routing	CWAN-MFI: Pos interfaces do not work with PPP encap
CSCeh35659	Routing	4 port gig per-interface ip bgp fast-external-falover permit .
CSCeh41328	Routing	Multi-topology transition deletes IPv6 routes from RT
CSCeh41598	Routing	Router reload on rip_process_mgd_timers

Identifier	Technology	Description
CSCeh62512	Routing	all ping failed after SSO switchover on all the vrf interfaces
CSCeh66944	Routing	mdt safi with NSF is not working
CSCeh80535	Routing	IPv6 PING packet dropped at 6PE router
CSCeh92012	Routing	OSPF did not redistribute route expectedly
CSCei04409	Routing	Crash in CBTS while using show adjacency int filter command on vip
CSCei04683	Routing	PP:R3:IPv6:Default ISIS Route Generated from L1/L2 to L2 Router
CSCei06089	Routing	Conditional default-originate with route-map does not work in 28S3
CSCei12603	Routing	30ms traffic loss on reoptimization while BW change over TE tunnel
CSCei25214	Routing	router crash @registry fastcase_expectation w/ ip cef dist command
CSCei25442	Routing	BGP MVPN - sanitise notification to PIM database
CSCei25454	Routing	BGP: The BGP IPv4 MDT table may receive RD type 2 prefixes
CSCei29944	Routing	RP crashes at bgp_get_msg_count while sho ip bgp summ
CSCei32930	Routing	EBGP+label : soft-reconfig inbound broken
CSCei45669	Routing	OSPF router may fail to flush its self-originated LSA
CSCei53226	Routing	BGP: fix updgrrs for non private-as peers with remove-private-as
CSCei58655	Routing	ISIS not aging version of LSP in isis local rib
CSCei59309	Routing	Crash in iprouting_set_ndb_last_rdb()
CSCei60544	Routing	BGP: redistribute connected routes missing from bgp after removing IGP
CSCei62049	Routing	SPD classification removed from fast path
CSCei65252	Routing	IOS forwarding packets for non-routable addresses in the 0.0.0.0/7
CSCei65553	Routing	OSPF must accept LSID with a mix of 0/1s in the host portion
CSCei67996	Routing	Unbalanced load-sharing tsp tunnel when morethan 1 tunnel is applied
CSCei75828	Routing	CPUHOG when 4000 IPv6 VLANs
CSCei83720	Routing	DMVPN:NHRP hold timer refreshed every 5000msec on Spoke router
CSCei93768	Routing	check heaps CHUNKBADMAGIC crash at BGP Router when remove dmzlink ba .
CSCej00946	Routing	mVPN: remote PE tunnel interface wont show up when SSM configed .
CSCej31343	Routing	Active RP crash at fib_upd_record_is_delete when no ip vrf vpn1
CSCej35288	Routing	Null IDB in ipsendnet -process traceback when failover from PRE2A-B
CSCej36831	Routing	VRF-lite/leaking:50% loss to local IP
CSCej42345	Routing	Creating SVI Triggers ARP for the Static NAT IP addresses.
CSCej48262	Routing	The session exceeded MTU counter has NOT incremented correctly for
CSCej76134	Routing	spurious memory access in isis_area_address_match
CSCek24782	Routing	5400XM reloads unexpectedly with stress with AAA holding excess mem
CSCek32139	Routing	SSO : Spurious access at ip_spd_fib_punt_feature_check
CSCek32244	Routing	Not all routes locally generated with auto-summary enabled
CSCek35039	Routing	next-hop isnt matched in the route-map .
CSCek35061	Routing	Disassociate VRF from a MPLS interface crashes the router

Identifier	Technology	Description
CSCek36037	Routing	BGP: Initial keepalive algorithm should be more aggressive
CSCek38025	Routing	MDT interoperability with old image is not working .
CSCek38584	Routing	ISIS IP route is del/add/del when interface shutdown
CSCek39048	Routing	Modular IOS: default distribute-list route-map crash router .
CSCek39701	Routing	ospf adj is not maintained over p2p after switchover
CSCek41338	Routing	CLI: rsp router reloads while configuring under template conf mode
CSCek42585	Routing	BGP Does not establish with Third Party boxes after Link Flap
CSCek45564	Routing	iprouting crash with corrupted block on mpath config change
CSCek47667	Routing	clear bgp ipv6 unicast * does not work .
CSCek47888	Routing	TE LSPs torn down and resignalled after ISIS process restart
CSCek48274	Routing	clear ip bgp soft in may not delete all the BGP prefix
CSCek58880	Routing	RP crashed in ospf_rrr_find_telink/ospf_intfc_command
CSCek62005	Routing	ip prefix list deletes lists before sending notif (causing rtr crash
CSCek62848	Routing	BGP does not notify PIM of RD type 1 mdt safi updates
CSCek65928	Routing	redundancy config-sync failures prc for router isis ipv6 cmd
CSCek69969	Routing	router crash when show ip bgp internal
CSCek76093	Routing	CLNS neighbor is still formed on router after isis protocol disabled
CSCek77849	Routing	bgp aggregate-address results in high BGP Router process utilization
CSCin85894	Routing	Reflexive acl when used as ext. acl gives T/bks & crashes with std.
CSCsa55567	Routing	Crash during show xdr multicast-group (xdr_mcast_display_all)
CSCsa68864	Routing	Loadsharing over 2 equal cost sham-links is not working
CSCsa69518	Routing	MVPN : MDT update is sent with RD 0:0
CSCsa72510	Routing	%COMMON_FIB-DFC1-4-CHAIN_REMOVE_INCONS1 seen on reset of mod 2
CSCsa78050	Routing	Alignment errors in internet_enqueue
CSCsa82134	Routing	router reload when there are over 64 equal cost next-hops for IPv6
CSCsa82564	Routing	MVPN: Repeated Bus Error on 30S1
CSCsa86801	Routing	Traceback messages seen at ipigrp2_route_map_inform.
CSCsa87034	Routing	clear bgp ipv4 unicast command does not clear Routing table
CSCsa87473	Routing	BGP:MPLS/VPN: After reload PE missing prefixes from RR.
CSCsa88766	Routing	PRP crash due to BGP
CSCsa90843	Routing	ARP is not resolved properly
CSCsa91499	Routing	Suprious Access seen from fib_table_flush
CSCsa97101	Routing	FIBNULLIDB in create path due to race condition
CSCsb01157	Routing	CEF Scanner runs when new vaccess interface is created
CSCsb06829	Routing	Loadinfo freed without unregistering dependency if path weight >127
CSCsb08994	Routing	test ip command returns ambiguous command error.
CSCsb09709	Routing	removing bgp with ipv6 address family causes crash (watchdog timeout)

Identifier	Technology	Description
CSCsb09852	Routing	BGP: pathless nets not freed when updgrp members are out of sync
CSCsb12089	Routing	CEF: RF proceeds to standby hot before standby is fully synced
CSCsb12896	Routing	SSO: routes in a vrf is not synced in CEF between active and standby
CSCsb24535	Routing	clear ip bgp update-group [ip address] clears all the bgp peers
CSCsb28300	Routing	Standby stuck in standby cold bulk after loadversion
CSCsb36755	Routing	BGP does not delete multi-path route when receiving worse metric UPDATE
CSCsb40115	Routing	BGP: Failed to find expected # of multipath entries
CSCsb44220	Routing	ipfast needs to retry opening the ipc port in the background
CSCsb47281	Routing	Stdby stuck in cold bulk after LV
CSCsb50606	Routing	Leak in dead process due to TCBs from BGP active connections
CSCsb54823	Routing	BGP: prefixes temp advertised despite prefix-list ORF .
CSCsb63652	Routing	bgp aggregate-address results in high BGP Router process utilization .
CSCsb64858	Routing	reset during icmp redirect packet generation/determination
CSCsb66121	Routing	MPLS TE tunnel: export netflow pak wth IP TTL=0
CSCsb75669	Routing	BGP: restore next-hop-self command for eBGP peers
CSCsb77733	Routing	Failed to ping the IPv6 loopback interface due to IPv6-CEF-Drop
CSCsb79895	Routing	RIP protocol with MD5 authentication fails
CSCsb83521	Routing	%SCHED-3-STUCKMTMR - Process= IPC LC Port Opener after SSO
CSCsb86987	Routing	Traceback from bgp_ipv4_mcast_lookup() after reload
CSCsb89043	Routing	%ALIGN-3-SPURIOUS access made at adj_ios_update_fixup_and_macstr.
CSCsb89900	Routing	ISIS: tracebacks %SYS-3-MGDTIMER: Parent is a leaf, set_exptime_internal
CSCsb92705	Routing	password command not displayed in show bgp template peer-session command
CSCsb96034	Routing	Traffic down for too long after SSO switchover .
CSCsc00378	Routing	export map is not taking affect dynamically when PE-CE runs ospf
CSCsc16611	Routing	7304 router crashes due to watchdog timeout
CSCsc30197	Routing	Router crashes at Config command router isis with traceback
CSCsc37212	Routing	ISIS: Redistributed routes might not be advertised if interface flaps
CSCsc41457	Routing	NHRP: Registration cache entries do not override no-socket mappings
CSCsc41694	Routing	router hangs while unconfiguring the CLI no router bgp <No>
CSCsc43989	Routing	CEF adjacency inconsistent with NHRP cache entry
CSCsc49231	Routing	Traceback seen with SYS-3-MGDTIMER Running timer, init, NHRP
CSCsc59027	Routing	mem leak in CEF IPC Background process
CSCsc59089	Routing	BGP: updates missing if route-refresh received while updates on OutQ
CSCsc67367	Routing	set ip next-hop in-vrf not working with import maps
CSCsc72090	Routing	EIGRP doesn't honor interface IP MTU when sending packets
CSCsc74229	Routing	VPN routes get deleted from the BGP table though counter shows otherwise
CSCsc75426	Routing	Crash when BGP sends update with bad attribute .

Identifier	Technology	Description
CSCsc76327	Routing	EIGRP PE-CE: Constant route-flap with a redistributed VRF-static-route
CSCsc83742	Routing	BGP MAXPFX Sylog message does not include VRF tableid info
CSCsc83821	Routing	ISIS: TLV 237 not found in database when isis metric is configured
CSCsc98835	Routing	CPUHOG when access-list is modified causes OSPF and BGP session drops .
CSCsd00028	Routing	OSPF: spurious access in ospf_generate_trap
CSCsd03021	Routing	360K internal routes will produce CPUHOG messages and tracebacks .
CSCsd04128	Routing	Packets drop after reloading master switch and getting back to a stack
CSCsd04810	Routing	Route pointing towards an interface where IP is not enabled but ISIS is.
CSCsd11019	Routing	Rainier:After RPR-Plus switchover standby RP crashes
CSCsd12046	Routing	Receiving foreign packets from the network
CSCsd15749	Routing	SoO-tagged prefixes sent when SoO configured on peer group .
CSCsd28214	Routing	RIP watchdog timeout crash on flapping links
CSCsd32373	Routing	BGP does not flag multipath correctly, causing loadbalancing issues .
CSCsd33445	Routing	SYS-3-MGDTIMER: Running timer message for NHRP
CSCsd41237	Routing	vrf import map is not working .
CSCsd50101	Routing	NRT: Intermittent crashes going to issu loadversion
CSCsd51309	Routing	SUP720 crashes every time after disabling auto-tunnel mesh feature
CSCsd52225	Routing	BGP soft-reconfiguration keeps the old next-hop
CSCsd53402	Routing	ABR deletes OSPF summary route for 5sec after DR is changed
CSCsd59023	Routing	RP Arping for adjacent next-hop bringing up PTA sessions with AAA .
CSCsd60687	Routing	T/B untyped_dqueue_match_its seen during RPR switchover
CSCsd63038	Routing	MVPN: BGP session for IPv4 MDT between any two PEs never comes up
CSCsd64173	Routing	Bus error crash IPV6 due to OSPF summary prefix command
CSCsd66372	Routing	BGP: router crashes at bgp_scan_walker
CSCsd67591	Routing	OSPF: crash while modifying route-map .
CSCsd67768	Routing	1200 BGP peer sessions with 10/30 keepalive/holdtime values flap often.
CSCsd72747	Routing	nssa summary to null0 disappears after 'clear ip ro *'
CSCsd73245	Routing	IPRT-3-PATHIDX: Bad path pointer of 0 message is reported.
CSCsd74189	Routing	show ip bgp vpnv4 vrf NAME community-list NAME gives error mesg.
CSCsd74396	Routing	eigrp authenticaion fails with md5 enabled
CSCsd75574	Routing	VIP crashed with IOBUS Error Interrupt Status register 0x4
CSCsd76419	Routing	IPv6 ND and CEF do not match
CSCsd76832	Routing	NRT: Output interface not available with ip_route_and_transmit traceback
CSCsd81600	Routing	OSPF Stub-links should advertise LSInfinity when max-metric configured
CSCsd82809	Routing	Can't add a static ipv6 route on an interface with ipv6 unnumbered
CSCsd84489	Routing	Crash in ospf_add_all_stub_routes on topology change
CSCsd88685	Routing	ISIS overload-bit on startup does not work with RPR+/SSO fail-over

Identifier	Technology	Description
CSCsd89569	Routing	sh ip int brief output - Any interface listed with OK? msg
CSCsd94133	Routing	sh ip cef exact route for vrf and 6PE ipv6 shows no oce
CSCsd98686	Routing	%XDR-6-CLIENTISSUBADTXTFM: Failed to xmit_transform message .
CSCsd98763	Routing	MRAI between PE and CE defaults to 30 seconds
CSCsd99760	Routing	After iprouting.iosproc Process Restart Routing table not updated
CSCse04220	Routing	Clearing IPv6 BGP sessions can cause crash .
CSCse05031	Routing	BGP conditional default-originate with route-map doesnot work correctly
CSCse07118	Routing	OSPF: crash while using the transmit-interface command .
CSCse10102	Routing	BGP Update-group: inconsistent error mesg. when EIGRP is PE-CE
CSCse10683	Routing	BGP Route-refresh double-counted
CSCse18445	Routing	BGP4-MIB should not send trap for IPv6 BGP peer.
CSCse19783	Routing	ip cef load-sharing configuration can't be removed
CSCse26515	Routing	DR does not flood back LSA on receipt of LSA from DROTHER router
CSCse26682	Routing	Ping failure with isatap configuration
CSCse26921	Routing	BGP route is not updated with newly configured route-target
CSCse26941	Routing	Bus error configuring cef table output-chain build favor convergence-spe
CSCse29589	Routing	c18xx tracebacks when trying to send NHRP registration
CSCse30000	Routing	ATT-bit control for dual-homed L1 ISIS
CSCse34050	Routing	ISIS keep advertizing passive interface, even after doing shutdown
CSCse40346	Routing	NRT:Router Crashed with tracebacks while testing isis_ldp
CSCse41174	Routing	NRT: GSR router crashed at ospf_send_one_paced_update during l2tun test
CSCse41484	Routing	DMVPN / VPN-SPA / few GRE packets not encrypted when negotiating the SAs
CSCse44052	Routing	Crash when config IPv6 interface distribute list
CSCse49697	Routing	can not disable bgp nexthop trigger tracking NHAT
CSCse51804	Routing	DMVPN tunnels not stable; keeps flapping
CSCse54241	Routing	ISIS - LSP purge not sent for DIS removal
CSCse57232	Routing	Display lsa throttle timer in sh ip ospf by default
CSCse61025	Routing	ip http auth aaa is not needed for Authproxy to work
CSCse64565	Routing	OSPF passive-interface default pb when converting switchport to L3
CSCse66181	Routing	BGP PMTUD cannot be turned off for peer group
CSCse67487	Routing	Autobhan76: Router Crashed in the unconfig section.
CSCse69162	Routing	Multi-topology ISIS breaks CLNS routing
CSCse72792	Routing	OSPF: neighbor cmd rejected if VL configured
CSCse74643	Routing	ISIS metric maximum is missing under sub-interface
CSCse77758	Routing	No IPv6 unicast-routing command disables ipv6 cef .
CSCse78454	Routing	ipv6 ospfv3 cfg lost from interface on restart iprouting.iosproc .
CSCse82584	Routing	OSPF does not remove MAXAGE LSAs

Identifier	Technology	Description
CSCse85383	Routing	OSPFv3: Restructure link-state request list (CSCsd03021)
CSCse86806	Routing	'clear ip bgp soft out' failed to send default-originate
CSCse87859	Routing	no service udp-small-server does not block IPv6 udp port 7 (echo)
CSCse89119	Routing	OSPF discard route (Null0) is disappeared from RIB when AD is changed
CSCse90843	Routing	Fib entries not freed - remain in deleted state
CSCse91962	Routing	prefix stays in BGP table with RD 0:0 even after vrf's RD is configured
CSCse97513	Routing	BGP session to a Third Party router does not come up after reload
CSCsf00171	Routing	summary route not flushed from ospf database
CSCsf02935	Routing	Router Crash due to Ospf Sham link and BGP redistribution
CSCsf05579	Routing	ISIS passive-interface default problem in IOS 12.2(18)SXF
CSCsf11980	Routing	NHRP: Crash w/ OSPF, DMVPN @ max_proto_mtu nhrp_send_resolution_request
CSCsf15429	Routing	7304 Router Crash @ fr_bq_proc continuous loop FR Broadcast Output
CSCsf20947	Routing	BGP 'neighbor default-originate' advertisement ignored after link flap.
CSCsf26043	Routing	Cat6k Selective Packet Discard not classify ISIS at high-priority
CSCsf32449	Routing	Sup720 MVPN PE - Tunnel does not come back up after reload .
CSCsf99057	Routing	JQL: OSPF Stub-router should work with SSO/RPR-Plus if NSF is disabled
CSCsg02387	Routing	Timeout response with SNMP over IPV6 phase II
CSCsg03483	Routing	FIB-4-FIBCBK: Missing cef table for tableid 1 during route update XDR e
CSCsg07742	Routing	ip vrf sitemap soo requires bounce when removing/re-adding
CSCsg14026	Routing	Routers/Switches forward traffic destined to Class E Addresses
CSCsg16748	Routing	ABR deletes OSPF type 3 LSA after it received max-aged type 2 LSA
CSCsg17977	Routing	Non-master CPU is suspended for too long @ mtrie_leaf_insert
CSCsg21418	Routing	Bus error related to CLNS fast switching
CSCsg26492	Routing	Error: can not find acl. Abort - msg when removing permit entry in ACL .
CSCsg28497	Routing	MT isis adj flaps during GSR RP FO causing prolonged traffic loss
CSCsg29248	Routing	OSPF: summary-address cmd can create stale LSA .
CSCsg29498	Routing	adj trace stores pointer not value = Segmentation Fault
CSCsg33571	Routing	Add prefix option under router xxx vrf process distribute-list options
CSCsg34030	Routing	show bgp ipv6 unicast longer-prefixes not showing expected output
CSCsg40507	Routing	SIERRA:ISIS/BFD session doesnt come up after changing ip-addr of interf
CSCsg42246	Routing	CPUHOG in IP Background, and router reload .
CSCsg42488	Routing	Juniper - Cisco PE incorrect extended community for OSPF
CSCsg43140	Routing	Switch may crash due to bgp over vpn .
CSCsg45637	Routing	Traceback occurs while accessing bgp_vpnv4_lookup_prefix .
CSCsg46366	Routing	OSPF NSSA LSA forwarding address set even when P bit will be clear.
CSCsg46638	Routing	BGP does not send withdraw when distribute-list is configured
CSCsg49166	Routing	EIGRP fails to converge with 1100 neighbors on FR point to point PVCs

Identifier	Technology	Description
CSCsg52336	Routing	Crash at ospf_flush_area_summary_lsa after 'no ip vrf' of unassigned vrf
CSCsg52887	Routing	SegV at ctunnel_oqueue when 'no ctunnel destination' on one side
CSCsg55209	Routing	BGP paths increase, with same prefix and next-hop under soft-reconfig .
CSCsg55591	Routing	MPLS VPN Local label not allocated/programmed for sourced BGP network
CSCsg59699	Routing	OSPFv3 autocost gives interfaces the wrong cost sometimes .
CSCsg65298	Routing	OSPF: connected network learnt via ospf after interface shutdown #2
CSCsg65625	Routing	flo_isp: Assertion failed: fib_instance_can_be_used
CSCsg66635	Routing	TE metric becomes invalid after reboot .
CSCsg71797	Routing	bgp bestpath as-path multipath-relax - command crashes Supervisor card
CSCsg74898	Routing	IPHC: Juniper interop: Timestamp on the RTP Packet not to update
CSCsg78246	Routing	ISIS Wide redistribution metric shows incorrectly on local table
CSCsg83723	Routing	%COMMON_FIB-3-DEPENDENCY_WALK: error message seen
CSCsg84690	Routing	ospf: default route with a bad mask may not get installed .
CSCsg85846	Routing	PE does not flush VPN Summary LSAs when redistrib is cleared
CSCsg95101	Routing	ALIGN-3-SPURIOUS: Spurious memory access
CSCsh02161	Routing	BGP vpnv4 route reflector not withdrawn redistributing prefix .
CSCsh11482	Routing	incorrect link-local next-hop for prefixes from update-group 'leader'
CSCsh13291	Routing	Traceback@xdr_rp_disable_slot due to XDR keepalive timeout
CSCsh13542	Routing	LOOPPAK detected for UDP ECHO Back packets
CSCsh14457	Routing	SIERRA: supw crashes @ ospf_nbr_find_retrans_block with OSPF/BFD
CSCsh15066	Routing	VRF has 2 ospf process, when one process is removed the router crashed
CSCsh15489	Routing	OSM-1CHOC12 FR tcp header-compression needs reload to take effect
CSCsh19852	Routing	ospfv3: stale network LSA after DR interface goes down ; also v2 problem
CSCsh20140	Routing	OSPF: ispf traceback in chunk_destroy .
CSCsh23176	Routing	Router crashes @ rip_timer_process .
CSCsh27931	Routing	Switch crash when tunnels are shut
CSCsh38228	Routing	uRPF w/exception ACL not logging deny log ACEs in interrupt path
CSCsh41234	Routing	Standby router keeps reloading with SRA image
CSCsh42565	Routing	TE tunnel does not come up on ospf non-broadcast network type .
CSCsh51559	Routing	Spurious access made at bgp_vpn_afmodify_walker
CSCsh53926	Routing	Bus error crash at add_path - ispf .
CSCsh55768	Routing	Catalyst 3550 SVI packet buffers leaked .
CSCsh57652	Routing	RIP accepts update before hold down timer expires.
CSCsh57795	Routing	Removing 1 RIP neighbor removes all neighbors
CSCsh59495	Routing	BGP non-exist-map statement incorrectly stored as exist-map.
CSCsh61119	Routing	High CPU due to ARP refresh triggered by Serial interface flap
CSCsh63785	Routing	NRT:MPLS-TE tunnel down after switchover

Identifier	Technology	Description
CSCsh66406	Routing	BGP VPN4 has stale routes after executing maximum routes 50 80 in vrf .
CSCsh67160	Routing	CEF consistency checkers go offline after sso switchover
CSCsh67709	Routing	BGP: 'redistribute connected' triggered only by shut/no shut local intf
CSCsh68376	Routing	Routes learned from CBB route reflector didn't get refreshed .
CSCsh80008	Routing	BGP: soft reconfiguration inbound and neighbor weight has no effect
CSCsh81289	Routing	DFC earl adj vlan incorrect, sceompls vcs disposition fails after bootup
CSCsh87119	Routing	Suppress OSPF-6-ZERO_BANDWIDTH, when interface is down
CSCsh92854	Routing	output bytes not incrementing correctly in 122.SB3.
CSCsi03434	Routing	Memory leak @ ospf_redist_work_enqueue
CSCsi06948	Routing	Bus error when issuing BGP dampening related commands .
CSCsi11438	Routing	OSPF does not remove maxage LSAs and age goes to bigger than 16 bit
CSCsi14346	Routing	EIGRP: neighbor command missing in VRF.
CSCsi23719	Routing	'no isis protocol shutdown' on a sub-interface enables 'clns routing'
CSCsi35541	Routing	CPUHOG and T/B seen after clearing ospf routes
CSCsi41944	Routing	Virtual Exec CPUHOG
CSCsi45422	Routing	iprouting.iosproc process reloads when making changes to static routes
CSCsi49948	Routing	MDT prefixes are not installed and sent out on iprouting restart .
CSCsi57971	Routing	ISIS does not advertise prefix of passive interface
CSCsi58867	Routing	CPUHOG After show ip route static or show ip route connected
CSCsi60103	Routing	IPv6 OIR PA Name Clash enhancements
CSCsi60240	Routing	prefix-list change not processed for redistribute route-map correctly.
CSCsi62559	Routing	SPD classifies OSPF IP Precedence 0 as priority .
CSCsi65922	Routing	Cannot unshut BGP neighbor once it is shutdown
CSCsi68819	Routing	Prefixes are moved to non-fwd tree after delete when RPR is configured
CSCsi68882	Routing	Crash@ network_redist after executing no router eigrp . .
CSCsi86386	Routing	clear ip bgp * soft in does not work for inbound route-map for ip4 label
CSCuk49694	Routing	6PE: Ignoring label update from peer
CSCuk52253	Routing	IPv6 static route missing tag argument
CSCuk54191	Routing	MP-iBGP routes not installed in VRF RIB
CSCuk54781	Routing	ICMPv6 Packet too big does not account for label stack
CSCuk55579	Routing	CEFv6 inconsistencies found after a HA Switchover
CSCuk58462	Routing	Routes are not filtered even when route-map rule sets deny the rule
CSCuk58481	Routing	Crash in fib_path_list_ifnums_compare()
CSCuk60585	Routing	ISO-IGRP: Crash may occur when nv-gening redistribution into iso-igr
CSCuk60910	Routing	IPHC:invalid TCP header may cause memory corruption & reload
CSCdu83050	Security	ssh needs source-address
CSCdz34708	Security	GRE : tunnel path-mtu-discovery doesnt copy DF bit to GRE+IP header

Identifier	Technology	Description
CSCed68627	Security	Dynamic spoke to spoke tunnel fails to come up with dual-DMVPN
CSCed73942	Security	IDBs for tunnel interfaces are not reused
CSCei70222	Security	VAM2+: epa_get_blk_buffer FAILED after overnight stress test
CSCei85164	Security	OCSF fails when timezone is configured
CSCej43220	Security	7200 Dynamic VTI tunnels take 10 seconds to come up
CSCek30711	Security	te-mib caseMIB_TE_cli_get_set_get fail due to CLI return nullset
CSCek30748	Security	Router reloads when config tunnel protection ipsec profile vpnprof
CSCek56735	Security	IPV6IP tunnel with VRF does not switch data packets. .
CSCek73041	Security	SSH:Connection closed message not seen after the retry prompts
CSCin48676	Security	Quatro:SSH V2:Switch reloads @ checkSurrender due to V2 session
CSCsb47257	Security	bus error crash @ pki_add_to_obj_list
CSCsb54378	Security	watchdog timeout crash when starting ssh session from the router .
CSCsb62045	Security	scp connection fails with error: unexpected filename:
CSCsb74409	Security	IOS ssh client blocks Virtual Exec / SSH Process
CSCsc23816	Security	clear crpto sa peer A.B.C.D command does not reset the tunnel
CSCsc30451	Security	Some VTI interfaces remain down despite ike & ipsec sa created
CSCsc72722	Security	CBAC - firewall resets TCP idle timer upon receiving invalid TCP packets
CSCsd00341	Security	GRE tunnel CEF switches via invaild adj when sequence-datagrams configd
CSCsd30932	Security	CLI: router reload on bad refcount error during CA trust point config
CSCsd38247	Security	CLI: default keepalive command causes router crash .
CSCsd76601	Security	Resuming SSH Session Fails After Other Session Has Been Disconnected .
CSCsd77758	Security	packet loss from tag2ip with double GRE encapsulation using tunnel vrf
CSCsd80510	Security	Default tunnel bandwidth and delay are not reasonable values. step 1
CSCsd92405	Security	router crashed by repeated SSL connection with malformed finished messag
CSCse03277	Security	VTI: VTI tunnel does not come up after remove/add tunnel configuration
CSCse11457	Security	show crypto ca timers shows static output
CSCse12154	Security	Bus error crash after executing secure copy (scp)
CSCse22153	Security	Rainier:%COMMON_FIB-STDBY-2-IF_NUMBER_ILLEGAL message on stby. .
CSCse29545	Security	Crypto pki trustpoint loses ip-address command upon reload
CSCse40423	Security	With ATM, tunnel interfaces do not ping until a shut-noshut is done .
CSCse62462	Security	MFI - VRF Tunnel packet is sent unlabeled
CSCse69736	Security	Update tunnel default bandwidth and delay
CSCse79611	Security	SSH source-interface command not working
CSCse93597	Security	RSA keys not replicated via SSO redundancy to standby
CSCsf25722	Security	software forced reload after executing secure copy (scp)
CSCsf30150	Security	GRE: Tunnel interface should go down when tunnel source interface up/dwn
CSCsf96592	Security	midchain loop restart requires input_if swap and all-encap bytecount

Identifier	Technology	Description
CSCsg10671	Security	No message when CA re-enrollment fails
CSCsg47462	Security	Address error crash at tunnel_ep_addr_compare
CSCsg62226	Security	IPSEC: crash@ ace_reverse_map while checking the traffic flow with ipsec
CSCsh25172	Security	scp can't be used to copy large files
CSCsh26382	Security	Ipssec SAs getting deleted for AH+ESP Transform set
CSCsh41459	Security	The router crashes, when removing/adding VRFs
CSCsh56320	Security	Memory Leak when executing sh crypto ipsec or sh crypto session
CSCsh66935	Security	Crash in avl_get_next_threaded on deconfiging 100 tunnels/vrfs
CSCsh75224	Security	RP crashes due to stack overflow with ssh
CSCsi21930	Security	mplsTunnelPerfHCPackets value mismatch CLI output
CSCsb46223	Voice	Bus error crash at Tcl_DStringAppend
CSCek31227	VPDN	Router Crashed while testing Voluntary L2TP Tunneling
CSCef71011	WAN	Trans/Bridging: All pings fail when serial(atm-dxi) in use.
CSCeh35068	WAN	Frame-relay:CEF adjacency is not established until flap the interface
CSCeh41080	WAN	PP:FW2:MIV:Marking does not work,either basic or with policer.
CSCek27504	WAN	NTP crash during show runn after deletion of NTP ref-peer
CSCek42041	WAN	Inconsistent DTR pulsing
CSCek45604	WAN	All OSM modules on the router crashes with FR qos configs .
CSCsa72748	WAN	router crash due to watchdog timeout on frame relay broadcast
CSCsb44267	WAN	bus error crash when forwarding IPX over GRE
CSCsb86675	WAN	Multicast Packets are forwarded out on down PVC on ATM Bundle
CSCsc50986	WAN	NTP unsynchronizes when packets out of order at STEP
CSCsc66187	WAN	%CWPA-3-IPCSENDERFAIL: Failed to send IPC message for loveletter .
CSCsd19880	WAN	ATM pvc does not come up with new style legacy command
CSCsd59878	WAN	Packet switching on FlexWAN stops for 15 secs during an SSO switchover .
CSCse55004	WAN	NTP clients wont associate
CSCse87862	WAN	SNMP-3-DVR_DUP_REGN_ERR: Attempt for dupe regn with SNMP IM by driver
CSCse95146	WAN	Sup720 with cross module etherchannel duplicates all packets
CSCsi33554	WAN	Connected net for virtual-template is not created in vrf routing table
CSCsi70727	WAN	LFI Not Working with Cisco<-->Cisco Encapsulation on Frame-Relay