

Resolved Caveats in Release 12.2(18)SXF

Resolved AAA Caveats

- [CSCee45312](#)—Resolved in 12.2(18)SXF

Remote Authentication Dial In User Service (RADIUS) authentication on a device that is running certain versions of Cisco Internetworking Operating System (IOS) and configured with a fallback method to none can be bypassed.

Systems that are configured for other authentication methods or that are not configured with a fallback method to none are not affected.

Only the systems that are running certain versions of Cisco IOS are affected. Not all configurations using RADIUS and none are vulnerable to this issue. Some configurations using RADIUS, none and an additional method are not affected.

Cisco has made free software available to address this vulnerability. There are workarounds available to mitigate the effects of the vulnerability.

More details can be found in the security advisory which posted at the following URL
<http://www.cisco.com/en/US/products/csa/cisco-sa-20050629-aaa.html>

Resolved LAN Caveats

- [CSCsa67294](#)—Resolved in 12.2(18)SXF

Symptom:

A Cisco Catalyst Switch may reload upon receipt of a malformed VTP packet.

Conditions:

The malformed VTP packet must meet the following requirements:

- Must be received on a port configured for ISL or 802.1q trunking AND
- Must correctly match the VTP domain name

This does not affect switch ports configured for the voice vlan.

Affected platforms:

Cisco 2900XL Series Cisco 2900XL LRE Series Cisco 2940 Series Cisco 2950 Series
Cisco 2950-LRE Series Cisco 2955 Series Cisco 3500XL Series Cisco IGESM

No other Cisco devices are known to be vulnerable to this issue.

Workarounds:

Customers may want to connect ports configured for trunking to known, trusted devices.

Resolved Routing Caveats

- [CSCin95836](#)—Resolved in 12.2(18)SXF

The Cisco Next Hop Resolution Protocol (NHRP) feature in Cisco IOS contains a vulnerability that can result in a restart of the device or possible remote code execution.

NHRP is a primary component of the Dynamic Multipoint Virtual Private Network (DMVPN) feature.

NHRP can operate in three ways: at the link layer (Layer 2), over Generic Routing Encapsulation (GRE) and multipoint GRE (mGRE) tunnels and directly on IP (IP protocol number 54). This vulnerability affects all three methods of operation.

NHRP is not enabled by default for Cisco IOS.

This vulnerability is addressed by Cisco bug IDs [CSCin95836](#) for non-12.2 mainline releases and [CSCsi23231](#) for 12.2 mainline releases.

This advisory is posted at <http://www.cisco.com/warp/public/707/cisco-sa-20070808-nhrp.shtml>.

Resolved Security Caveats

- [CSCeb47225](#)—Resolved in 12.2(18)SXF

If a key is configured on a tunnel interface, the inbound access-list on that interface is ignored.

This problem is seen with a configuration that is similar to the following

```
interface Tunnel0
 ip address 192.168.1.1 255.255.255.0
 ip access-group 100 in
 tunnel source FastEthernet0/0
 tunnel destination 172.16.1.1
 tunnel key 1
end
```

Problem does not occur if “tunnel key” is not configured.

Workaround is to remove the “tunnel key”.

Resolved Unknown Caveats

- [CSCee71911](#)—Resolved in 12.2(18)SXF

In Cisco IOS software that includes LSP Verification (LSPV) support, an “LSP Verification Manager” process may be created even if there are no MPLS applications. The process consumes a small amount of memory, but should not consume any CPU resources. The UDP port 3503 is also opened even if there are no MPLS applications.

There is no workaround.

- [CSCsa67611](#)—Resolved in 12.2(18)SXF

For packets incoming MPLS Tagged and going out as untagged IP (tag to IP case) if output features (like egress ACL, egress WCCP) are applied upon a reload of a switch one may find that the egress features no longer get applied.

This has been seen with 12.2(17b)SXB6 and 12.2(18d)SXD2.

Packet impacted Concern : Incoming packet hitting the 6500 with sup720 with one label and exiting the switch on a non mpls int (tag to ip path) on which some output feature are configured (like output acl , output wccp or...)

Impact : these packet should always be recirculated as there are some output feature. After a reload of the switch recirculation do not happen anymore and as a result all packet bypass the ACL or any output feature.

Workaround: disable and reapply all output features on the output interface and output feature will start to work again.

- [CSCsb52717](#)—Resolved in 12.2(18)SXF

Symptom: A Cisco router configured for multicast VPN may reload after receiving a malformed MDT data group join packet.

Conditions: Affects all IOS versions that support mVPN MDT.

Workaround: Filter out MDT Data Join messages from the router sending the malformed packet using a Receive Access Control List (rACL) feature. Note by doing this, the offending router will not be able to participate within the mVPN data trees.

The following example shows how to block malformed MDT Data Join messages that are sent from the device's IP addresses using a receive ACL:

```
!
ip receive access-list 111
!
access-list 111 deny udp host <ip address of router sending malformed join
request> host 224.0.0.13 eq 3232
access-list 111 permit ip any any
!
```

Note: Ensure that the rACL does not filter critical traffic such as routing protocols or interactive access to the routers. Filtering necessary traffic could result in an inability to remotely access the router, thus requiring a console connection. For this reason, lab configurations should mimic the actual deployment as closely as possible.

As always, Cisco recommends that you test this feature in the lab prior to deployment. For more information on rACLs, refer to “Protecting Your Core: Infrastructure Protection Access Control Lists” at

http://www.cisco.com/en/US/tech/tk648/tk361/technologies_white_paper09186a00801a0a5e.shtml.

Other Resolved Caveats in Release 12.2(18)SXF

Identifier	Technology	Description
CSCef77265	AAA	router crashes receiving certain TACACS+ packets
CSCeh84727	AAA	LPIP ARP entries become incompleted after a while
CSCei18359	AAA	AAA leaks memory fragments w/ HQM stack traceback
CSCsa74002	AAA	Input queue - wedged when traffic punted to the CPU
CSCei12574	Access	MPLS-ATOM:FR:VC failed to come up after an OIR of some slot.
CSCei51155	Access	PP:R3:PA-MC-2T3+: Saturation rate drop 50% due to input overrun
CSCsa47223	Access	Packet loss when running software compression with encapsulation PPP.
CSCsb07696	Access	HYPERION-4-HYP_RESET: Hyperion Error Interrupt
CSCsb21867	Access	PA-MC-8TE1+ in Flexwan: ctrlr detects LOS after restart does not recover
CSCdw25402	ATM	RPM-PR card crashed when provisioning bulk connections from CWM
CSCed29265	ATM	Router crash while unconfiguring OSM-ATM interface
CSCeg03837	ATM	ALIGN-3-SPURIOUS traceback in Standby RP when subinterface is configured
CSCeh56916	Content	Router crashed due to WCCP going over allocated buffer.
CSCed56085	Infrastructure	Show flash command for ATA flash device may cause corruption
CSCee73380	Infrastructure	SNMP message processing priorities needs to be changed
CSCee83917	Infrastructure	long snmp cmd line crashes RP with write mem
CSCee92763	Infrastructure	SNMP replies do not source VRF interfaces
CSCef35192	Infrastructure	Exec-timeout not working at more prompt as expected by customer
CSCef59378	Infrastructure	DNS probe fails for fully qualified target name
CSCef78145	Infrastructure	Slave crashed at channel_clear_llc_stats
CSCeh42292	Infrastructure	dLFIoLl mlp-qos : %SCHED-7-WATCH: at bootup with tracebacks
CSCeh49492	Infrastructure	snmpEnginetime gets reset when sysUptime counter rolls over .

Identifier	Technology	Description
CSCeh62781	Infrastructure	%IPC-5-WATERMARK FAST.control.RIL(2070000.E) seat 2070000
CSCeh91772	Infrastructure	extending existing files corrupts filesystem
CSCin88077	Infrastructure	Active SP stuck in slcp process after Test Crash on Active RP
CSCsa58550	Infrastructure	Alignment correction at ipc_process_raw_pak
CSCsa82886	Infrastructure	RP crashes when argument for tftp-server command longer than 67 char
CSCsa86252	Infrastructure	Delete startup-config when show startup is executed
CSCsa86572	Infrastructure	NVRAM corrupts, write erase followed by write mem crashes router
CSCsa92394	Infrastructure	The secondary processor fails to boot after loading the image
CSCsa98777	Infrastructure	Memory corruption on MSFC with syncnlmTable
CSCsb22489	Infrastructure	supervisor crashes on removal of IP VRFs in VRF-LITE config
CSCsb27249	Infrastructure	RP crash @ heartbeat_fatal and RPC timeout message @ Standby SP
CSCsb44308	Infrastructure	Cat6k crashes with no snmp-server
CSCds33629	IPServices	Closing Telnet session crashes router..
CSCeg06261	IPServices	Cat4000: Active FTP fails with 12.2(20)EWA
CSCeg15044	IPServices	Not able to telnet to card (No Free TTYs error)
CSCeh05654	IPServices	HSRP MAC can be set same as i/f MAC, can cause loss of connectivity
CSCeh48684	IPServices	Identification field is 0 in every tacacs packet with SYN
CSCsa57888	IPServices	service tcp-keepalive-in doesnt work on Sup720
CSCsb15224	IPServices	HSRP: wrong HSRP mac addr in ARP reply if multiple HSRP groups are used
CSCsb65340	LAN	i82543: OSPF hellos dropped after sh/no sh of the peer
CSCea48658	LegacyProtocols	DLSw+ is broken with the usage of VRFs
CSCeb47150	LegacyProtocols	Unable to Establish DLSw Peer Connection Through VPN/NAT Tunnel
CSCec64333	Management	Memory leak in SNMP ENGINE while retrieving ciscoIPSEC MIBS
CSCdy86197	MPLS	TE Topology Database Does not show Psuedonodes link-type correctly
CSCef87449	MPLS	RRR LM: Admin shut handler does not preempt LSPs
CSCeh05594	MPLS	MPLS-TE FRR: Router crash in tfib during FRR operation
CSCeh78455	MPLS	Interface description duplication on MPLS/LDP enabled int:ifAlias
CSCeh85817	MPLS	PP:R3:L3vPN:pervrfaggr label:invalid intag,intag=0,on sh/no shu
CSCei51486	MPLS	mpls ldp missing local binding for a loopback intf (imp null)
CSCsa56129	MPLS	MPLS TE tunnel commands not synced properly
CSCsa77411	MPLS	RP crash at rrr_lm_unlock_bandwidth
CSCsa85588	MPLS	Per VRF Aggregate Label not in Ifib
CSCsb04721	MPLS	Targeted LDP session is not established
CSCsb09190	MPLS	Next-hop label missing for non-vpn prefixes with dual RRs
CSCsb32695	MPLS	PE lost aggregate label after shut/no-shut
CSCeg83460	Multicast	c6msfc:bidir pim df not elected with multiple RPs after link down
CSCeh01390	Multicast	MSDP does not create (S,G) when IGMP modifies the (*,G) olist

Identifier	Technology	Description
CSCeh15639	Multicast	crash due to freed nbr while sending PIM hello
CSCeh47667	Multicast	A ddt to commit CSCef60452 to pikespeak
CSCeh50392	Multicast	Static Default Mroute ignores the eigrp unicast routes
CSCeh95160	Multicast	bi-directional PIM DF winner may receive an incorrect unicast metric
CSCei33038	Multicast	multicast helper-map : make TTL option visible
CSCsa79597	Multicast	ip multicast longest-match does not influence PIM BSR RPF
CSCsa89976	Multicast	Software forced reload @ checkheaps_process due to UDP packet forwarding
CSCsb02976	Multicast	MSDP: Need msdp RP non-dr to send triggered SA immediately
CSCsb23433	Multicast	Need to minimize mcast packet loss with intermittent sources
CSCsb27969	Multicast	After SSO switchover IPv6 PIM Encap Tunnel is down, doesnt recover
CSCsb29318	Multicast	Access-list type conflict with filter-sa-request
CSCed52844	platform-76xx	Display of the mcast LTL are incorrect for OSM. Traffic works fine
CSCsa93725	platform-76xx	MR-APS: Working router power cycle causes significant traffic loss
CSCsa95421	platform-76xx	OSM-1OC48-POS-SS+ drops packets
CSCsb13441	platform-76xx	GE-WAN tag-switching MTU broken for RP handled packets again
CSCsb15183	platform-76xx	OSM:Asic [0] error: TXIF: RXPB bad packet len (low)
CSCef07167	PPP	dLFIoFR : VIP crash at dlfi_disable_fragmentation on OIR/micro rel
CSCeg24422	PPP	packet drops with >55% 100B and rest 1500B on dMLP and dMLFR links
CSCeh41652	PPP	Packet classification fails on MFR after RPR-Plus switchover
CSCei08458	PPP	dLFIoATM : FIBDISABLE when 6 sub-interface are created
CSCin44386	PPP	Multilink interface flaps after a router reload
CSCin88026	PPP	VIP may crash @vip_mlp_process_reassemble+0x318 w/dlfi on flap
CSCin91163	PPP	Re-assembly drops seen on peer when sending traffic across bundles
CSCin96524	PPP	LDP/OSPF flap in MLP core with more than line rate traffic
CSCsa56959	PPP	Show policy output counters not updated for process switched packets
CSCdt12296	QoS	RSVP Path message packets are process switched when data is CEF swit
CSCdv87113	QoS	cbQoSMB shows random large values for class of service monitor mibs
CSCea64025	QoS	Path tear not forwarded by Merge Point
CSCea65031	QoS	Loading and unloading pdlms removes port-map config from running-con
CSCeb60432	QoS	One resv debug not subject to ACL filters on a Resv change
CSCec26696	QoS	RSVP shows wrong allocated bw in show ip rsvp interface
CSCed71844	QoS	show policy interface locks up the c7500
CSCed75295	QoS	FRR LSP fails to protect with N-Nhop backup tunnel
CSCee56209	QoS	ACL counters double counting
CSCef32588	QoS	RSVP is dropping ResvConfirms on a router with equal cost links
CSCeh31441	QoS	Flexwan module powercycles with shaping+dLFIoATM
CSCeh54083	QoS	random-detect aggregate cmd not working for virtual-template

Identifier	Technology	Description
CSCeh84740	QoS	VIP crash on RPR+ switchover with qos config and high load traffic
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
CSCsa57101	QoS	Crash in k_rsvpSenderEntry_get
CSCsa87178	QoS	violate-action policed-dscp-transmit defaulted to Drop after bootup
CSCsb01188	QoS	ATM interface on FW/FW2 PA stops tx on add/remove service policy
CSCsb25607	QoS	dLFioFR: all lp pkts dropped on oversubscribed mixed traffic
CSCsb36818	QoS	Service policies lost on interface bw reconfiguration
CSCdt51547	Routing	Packet drop with ip verify unicast reverse-path.
CSCea49016	Routing	Fix CPUHOG issue with a number of code paths in EIGRP
CSCee19880	Routing	EIGRP routes stuck in routing table when using no ip-next-hop-self
CSCee23634	Routing	OSPF should detect if the neighbor MTU is smaller than our
CSCee26209	Routing	%FIB-4-FIBCBLK: Missing cef table for tableid
CSCee52317	Routing	MFIB: Mcast pkts fail to switch over IPv6-in-IP tunnel
CSCef61721	Routing	IPv6 CEF incorrect entry
CSCef93058	Routing	ARP req was send with delay when each VRF uses same dest IP
CSCeg04110	Routing	MSFC incorrectly ARPS with bridge irb and bridge-group command
CSCeg06612	Routing	Incomplete eigrp config causes memory leak in BGP router
CSCeg07274	Routing	BGP IO process uses excessive CPU during convergence
CSCeg51291	Routing	Ping vrf failed to reach OSPF neighbor interface via sham link
CSCeh00090	Routing	ISIS access-list modification problem
CSCeh09588	Routing	300 second traffic loss with 100 OSPF neighbor after SSO switchover
CSCeh13489	Routing	BGP shouldn't propagate an update w excessive AS Path > 255
CSCeh16989	Routing	BGP number of attributes is constantly increasing, consuming more memory
CSCeh20051	Routing	RIPv2: some statics not redistributed in vrf using rip.
CSCeh31691	Routing	CWAN-MFI: Pos interfaces do not work with PPP encap
CSCeh33504	Routing	Receiving 102K vpnv4 routes, but RRs only reporting 76245 routes.
CSCeh41328	Routing	Multi-topology transition deletes IPv6 routes from RT
CSCeh46993	Routing	distance should not affect ospf path selection within single process
CSCeh53906	Routing	Stale non-bestpath mpath stuck in RIB with soft-reconfiguration
CSCeh54460	Routing	router reloads when two dmvpn tunnels are brought up
CSCeh59619	Routing	traceback@ip_fib_show_path_for_exact,show_ip_forwarding_exact_sessio
CSCeh61778	Routing	GRP crash by SYS-2-WATCHDOG in process IS-IS Update
CSCeh92012	Routing	OSPF did not redistribute route expectedly
CSCei04683	Routing	PP:R3:IPv6:Default ISIS Route Generated from L1/L2 to L2 Router

Identifier	Technology	Description
CSCei06089	Routing	Conditional default-originate with route-map does not work in 28S3
CSCei07805	Routing	PP:R3:SUP3:FIBDISABLE w/ 500 vrf and 200 IPv6 routes after SSO
CSCei12603	Routing	30ms traffic loss on reoptimization while BW change over TE tunnel
CSCei13040	Routing	ospf routes not installed in the RIB after sub-second intf flap
CSCei26899	Routing	LSNT:Missing prefixes after card reload
CSCei39285	Routing	MALLOCFAIL and CPUHOG traceback-CEF Reloader with bulk CEF entries
CSCei48972	Routing	VPN on FR-sub (vpn1) does not recover after rpr+ switchover
CSCei58597	Routing	RP crashes at ospf_router_lsa_max_metric_cmd during bootup
CSCei58655	Routing	ISIS not aging version of LSP in isis local rib
CSCei75375	Routing	OSPFv3: Router crashes when area deleted
CSCin65241	Routing	ISIS: redistribute commands not being synced to standby RP
CSCsa50971	Routing	Access-list resequence command causes unexpected reload
CSCsa51095	Routing	ISIS authentication not working on p2p LAN links after reload
CSCsa61872	Routing	isis routes disappeared from routing table after shut/no shut GE int
CSCsa70039	Routing	OSPF: connected network learnt via ospf after interface flap or shutdown
CSCsa70188	Routing	LC marked as FIB Disable even after OIR
CSCsa73843	Routing	DMVPN - Buffer leak due to delayed NHRP processing
CSCsa73847	Routing	Static arp entry removed from running configuration with NAT enabled
CSCsa74271	Routing	OSPF NSF not working, traffic drops for a few seconds
CSCsa75512	Routing	PP: RP crash at ospf_flood_over_one_idb
CSCsa78259	Routing	IOS reload due to specific BGP routing update
CSCsa80861	Routing	BGP to IGP redistribution broken with mutual redistribution points
CSCsa87034	Routing	clear bgp ipv4 unicast command does not clear Routing table
CSCsa87473	Routing	BGP:MPLS/VPN: After reload PE missing prefixes from RR.
CSCsa88145	Routing	fib tracebacks at sso when large number of tunnel interfaces are config
CSCsa90719	Routing	Configuring pasive/no passive for ISIS crashes router
CSCsa95973	Routing	OSPF processes summaries from non-BB links after switchover on ABR
CSCsa97090	Routing	FIBNULLIDB in pre-rewrite CEF
CSCsa97101	Routing	FIBNULLIDB in create path due to race condition
CSCsa98059	Routing	OSPF not flushing external LSA from BGP redistrib on route change
CSCsb08380	Routing	iSPF does not check existing route when attaching stub network
CSCsb12896	Routing	SSO:routes in a vrf is not synced in CEF between active and standby
CSCsb18066	Routing	ip routing protocol purge interface does not work
CSCsb28595	Routing	Ospf NSSA N1/N2 routes causing summary route to be maxaged and flushed
CSCsb36550	Routing	CPUHOG by OSPF Router process
CSCsb36589	Routing	7600 hits breakpoint exception just when ospf neighbors lost.
CSCsb46607	Routing	msfc3 crashed in chunk_free_with_pc with %SYS-2-CHUNKNOROOT

Identifier	Technology	Description
CSCsb49133	Routing	summary-add nssa LSA does not get updated when FA interface goes down
CSCsb69773	Routing	Router Crash with BGP at bgp_netlist_validate
CSCuk57124	Routing	Handling of seq epoch after switchover needs to be robust
CSCdy80670	Security	SCHEd-3-THRASHING error messages in TTY Background process
CSCed84769	Security	DMVPN: IKE/IPsec SAs expire/rebuild every 2 minutes
CSCsa77158	Security	Router stops accepting SSH IPv6 connections, IPv4 SSH still works
CSCsa78580	Security	Crypto IKMP process can get blocked if router fails to fetch CRL
CSCsa81928	Security	CRL checking fails if PKI URI received for CDP is UPPER CASE
CSCdz84448	Unknown	Spurious memory access when querying the cbQosREDClassStatsTable
CSCeb70508	Unknown	Dirty bit is not synced over to Standby
CSCeb82779	Unknown	Server sockets cause the VTY lines to lock up
CSCec21114	Unknown	show memory summary shows junk pointing to tcl_chunk_malloc_create
CSCec21537	Unknown	Per-VRF radius source-interface not used in legacy code path
CSCec70695	Unknown	Remove "compact-only" sw mode restriction for ERSPAN's working on Sup720
CSCec72111	Unknown	RADIUS: pre-PAPAPA code does not use the per SG source-interface
CSCec84396	Unknown	CLI: tclsh causes router crash
CSCed21601	Unknown	Need to syslog excessive system controller resets
CSCed33129	Unknown	Crash at Tcl_FindCommand while loading script
CSCed94829	Unknown	IOS reloads due to malformed IKE messages
CSCee01435	Unknown	show power command shows PS-Fan status as n/a
CSCee07889	Unknown	Server sockets cause the VTY line to lock up
CSCee42846	Unknown	Aborting TCL gets command via Ctrl-c in tclsh causes CPU hog/crash
CSCee46575	Unknown	Enhanced object tracking improvements, including IP addr detection
CSCee58827	Unknown	SLB crash with replicate slave enabled without replicate casa
CSCee93598	Unknown	LSP ping/trace explicit null shimming capability
CSCef07048	Unknown	SecurID New PIN mode fails with VPN Client
CSCef46923	Unknown	Group of 4 ports on WS-X6516-xx modules may stop forwarding traffic
CSCef80151	Unknown	Switch should create vlan.dat if not present
CSCef84400	Unknown	Tcl typeahead command causes router to crash on SIGBUS
CSCeg02753	Unknown	CDP broken with native vlan other than 1
CSCeg07394	Unknown	router reload @ tcl_chunk_free
CSCeg39518	Unknown	Infinite loop on dsx1FarEndIntervalIndex
CSCeg54004	Unknown	packet loss with ACL range statement
CSCeh17426	Unknown	Memory leak in mfib_const_handle_gce_ltl_event after stress
CSCeh19465	Unknown	CSG, impossible to apply a content/policy pair to a service
CSCeh23943	Unknown	SIP1:dCRTP:Not all pkts compressed at Tx, errors at Rx
CSCeh24021	Unknown	PM_SCP-SP-4_UNK_OPCODE:Received unsolicited message on SSO swover

Identifier	Technology	Description
CSCeh25105	Unknown	The Router crashes during Event Manager Policy registration process.
CSCeh29617	Unknown	PP:Sup3:FRoMPLS:CHOC:pkts dropped on egr (PE-CE)link (ping fails)
CSCeh31230	Unknown	FIB-STDBY-2-HW_IF_INDEX_ILLEGAL: Attempt to create CEF int errors
CSCeh31550	Unknown	MPLS:VPN:MLPPP:ce-pe B2B ping fails with multilink and vrf configure
CSCeh34089	Unknown	CSCeg07394 causes router crash when EEM Tcl policies run
CSCeh35237	Unknown	7600: 6748GE LC OIR causes spurious mem access and traceback
CSCeh35849	Unknown	New PIN mode and next token code fail with vpn client
CSCeh37316	Unknown	align-3-spurious:spurious memory access with sup720
CSCeh40465	Unknown	NSF/SSO failover time too long when using supervisor uplinks
CSCeh41511	Unknown	PP::mls qos ip output broken for policy without drop action
CSCeh41997	Unknown	EEM Tcl policies leak significant memory upon every run
CSCeh42348	Unknown	PP:CWAN-QOS:DWRED is broken
CSCeh43531	Unknown	CAT6K: router reloaded under stress
CSCeh45653	Unknown	EEM applets need to pass session username to EEM cli library.
CSCeh47169	Unknown	c38/2800 crashed by resetting CUE at get_block
CSCeh49742	Unknown	sup720: NMI not working and show version has wrong reason
CSCeh51395	Unknown	Trunk vlan wont revert to the original when reconfigured
CSCeh51894	Unknown	12.2SX2: TestLoopback and TestInlineRewrite failed diags
CSCeh53682	Unknown	MACs Learned on EtherChannel across L2 Fwding Engine Get Off-sync
CSCeh53775	Unknown	catalyst 6500 does not answer ipv6 traceroute
CSCeh54217	Unknown	GTP-SLB should not reassign session when sticky object exists
CSCeh54386	Unknown	Ucast flooding due to MACs losing PI_E flag when SPAN is configured
CSCeh54533	Unknown	IOS SLB with Egress ACL under SVI breaks L2 icmp traffic
CSCeh55293	Unknown	Physical EVC to poch EVC conversion may fail if poch has no member
CSCeh56398	Unknown	T48+, G+-CR2 in C+/Legacy configuration boot with multiple errors
CSCeh56439	Unknown	ATM SPA may reject wred policy
CSCeh59654	Unknown	Ucast flooding due to +MN received on DFC/PFC when DEC is configured
CSCeh62351	Unknown	ALIGN-1-FATAL:Corrupted program counter. Show Tech cause router cash
CSCeh62522	Unknown	igmp snooping source only doesnt work for certain range of group ad
CSCeh62562	Unknown	acctg type change implies content config erased in SXD4 image
CSCeh65221	Unknown	VPNSM: Pkt looping to wmac
CSCeh65615	Unknown	Rockies2:TestL3VlanMet failed online diag on T48+
CSCeh69436	Unknown	VTP mode ignored in startup-config
CSCeh71584	Unknown	7600 as dmvpn spoke does not work with VRFs
CSCeh73049	Unknown	telsh mode bypasses aaa command authorization check
CSCeh73110	Unknown	Ucast flooding due to +MN/-MN race condition
CSCeh80649	Unknown	SPA: Packets stop passing after T3 line flap

Identifier	Technology	Description
CSCeh81794	Unknown	chassis crash due to memory corruption
CSCeh82971	Unknown	Router crashed at watcher_delete_common during FPD upgrade
CSCeh85087	Unknown	WCCP stops after a redirect list is configured
CSCeh85135	Unknown	CSG SUP720 support missing for IPSERVICES images
CSCeh87476	Unknown	show platform tech-support ipmulticast needs support for BiDir
CSCeh96957	Unknown	Need to disable Turbo ACL support for Sup2 and Sup720 in 12.2SX
CSCei00856	Unknown	CWAN-QOS:oc-3:col2 crash with external memory address
CSCei01237	Unknown	SLB: %SYS-3-CPUHOG messages and crash running slb processes
CSCei02695	Unknown	PP:R3:SIP-200: BCP functionality is broken after linecard OIR
CSCei02826	Unknown	PP:R3:All VoIP(even UDP port) cRTP PKTs were dropped in input queue
CSCei06406	Unknown	Ping failure/Wrong C-Shim Hdr on Serial Intf. removed from MLP
CSCei09755	Unknown	SPA-CT3/CHOC-Serial intf line proto down after removing from bundle
CSCei10218	Unknown	Cronos APS: APS states not getting sync in SSO
CSCei10228	Unknown	CHOC12/DS0 APS:LC power cycles with SSO s/o, APS state wrong on stdb
CSCei12585	Unknown	Crash while configuring from VTY and Console simultaneously
CSCei13379	Unknown	no ip add sec deletes all mls ip mult connect entries in vlan
CSCei16701	Unknown	PP:R3: SPA ATM/FR MPB: Failed to forward MCAST PKTs from SVI INTF
CSCei18018	Unknown	Diagnostics HM crash
CSCei20107	Unknown	DFC3A reloaded due to sman interrupt after memory allocation failure.
CSCei20996	Unknown	MPLS-VPN:Ping packet doesnt go through with osm srp interface.
CSCei21293	Unknown	PP:R3:OC-48 ATM SPA: LC OIR causing traceback + %ENT_API-4-NOALIAS
CSCei22697	Unknown	mvpn tunnel is miss-matched to different VPN rte/fwd table
CSCei24139	Unknown	PP:R3:SIP-200: CPU 1 crash on doing linecard reset with ATM SPA
CSCei30764	Unknown	PP:R3:MVPN:multiple diff tunnels created on some VRFs
CSCei30999	Unknown	PP:R3:SIP-200 drops 30% of VoIP traffics on cRTP sessions
CSCei32920	Unknown	Tracking reports wrong line pcol status for dot1q trunk (switchport cmd)
CSCei33598	Unknown	PP:R3:SIP-200:CT3 SPA:T3 contr stays down after remote router reload
CSCei37465	Unknown	After a firmware upgrade the firmware.cfg is corrupted
CSCei37692	Unknown	GTP SLB broken when <mls ip slb search wildcard rp> configured
CSCei38036	Unknown	layer 2 entry not removed when no int vlan
CSCei38898	Unknown	Facility to cache and display process_may_suspend events trigger by MDSS
CSCei39029	Unknown	JAC:show CBL fail to display port state after clear trunk
CSCei39181	Unknown	SIP200/POS-SPA:APS states not synced to standby in SSO
CSCei40939	Unknown	PP:R3:MLFR SPA:MEM corruption Bad dequeue & dmfr_process_rcv_packet
CSCei41088	Unknown	MVPN Tunnel interface not created with BGP Confederation
CSCei41653	Unknown	ISIS neighbor can not be setup on WS-SVC-IPSEC-1
CSCei48635	Unknown	ChOC3/STM-1 SPA: many MFR interfaces remain down following microcode

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CSCei51175	Unknown	PP:R3:SIP-200:1490 bridging - CPU1 crash with egress pol on main int
CSCei52441	Unknown	default ACL programming not correct under certain condition
CSCei61913	Unknown	PP R3:CHOC12/DS0 SSO:no shut not synced to stdby, traffic stop on HA
CSCei63781	Unknown	Inlinerewrite test fails on WS-X6148A-GE-TX
CSCei64940	Unknown	Service Module sourced packet dropped when recirculation required
CSCei67673	Unknown	Memory leak during execute-on
CSCei76358	Unknown	cleanup of user interface data
CSCei86192	Unknown	PP:R3:FlexWAN+PA-8xT1/E1: RP crashed MALLOCFAIL due to loveletter
CSCei93397	Unknown	SPA-CTE1: Fails at configuration if HW version is 2.0 or greater
CSCej08820	Unknown	Cannot apply vacl on rspan vlan
CSCin78324	Unknown	PA-MC-8TE1+: check to drop runs packets missing in driver code
CSCin78325	Unknown	PA-MC-8TE1+ admindown serial interfaces continue to process packets
CSCin90971	Unknown	Enhanced FlexWAN FPD Package needs to be bundled with IOS image
CSCin91290	Unknown	show ip slb replicate output mismatch in Active and Standby
CSCin91381	Unknown	dmfr: Linecard may crash @dmfr_process_rcv_packet on intf flap
CSCin92518	Unknown	ERSPAN filter vlan CLI rejected for vlan range
CSCin94752	Unknown	SLB crash in slb_probe_wc_install
CSCin96328	Unknown	Switching fails with sip-200 reset followed by sup switchover
CSCsa48259	Unknown	VPN-SM: rp crash triggered by crypto_ss_print_table
CSCsa56229	Unknown	Traceback mesg seen when standby SUP comes online on Port security
CSCsa57222	Unknown	Intermittent RP Crash seen with maximum mflow plcrs
CSCsa58933	Unknown	Flapping occurs after converting L2 Portchannel to L3
CSCsa60107	Unknown	Traffic drop with IGMPv3 on a snooping enabled VLAN
CSCsa62758	Unknown	Spanning-tree statistics inaccurate in show interface accounting
CSCsa68043	Unknown	MPB:FR: Mac-address table entries are unknown on standby sup on bootup
CSCsa68717	Unknown	ATM subinterfaces no found in IF-MIB after module power down/up
CSCsa69060	Unknown	packets tagged with agg label not matched by CPP
CSCsa70104	Unknown	leak in flexwan with netflow and AAA together
CSCsa70274	Unknown	LSP trace crash when rx of dsmapi with multipath length set to 0.
CSCsa70494	Unknown	TX Chnl Queue Overflow events on freedm with traffic + router reload
CSCsa70679	Unknown	NDE record has extra record after reload
CSCsa70835	Unknown	SUP720 may see random packet loss when host leaves or joins; OIF +- 85
CSCsa71097	Unknown	WS-X6148-45AF/WS-X6148-21AF in Sup slot, wrong power allocated
CSCsa71295	Unknown	show mod indicates Unknown diag status for SIP cards after switchover
CSCsa71875	Unknown	%ALIGN-3-SPURIOUS With SNMP and Dot3 Stats
CSCsa73607	Unknown	SLB probes not restarted on real admin flap
CSCsa74075	Unknown	show interface capability show duplex = none on WS-X6704-10GE module

Identifier	Technology	Description
CSCsa74464	Unknown	Bus error after config synch of CSM
CSCsa74926	Unknown	CDP enabled on FWSM gig interfaces.
CSCsa76016	Unknown	NAT netflow entyr created without reason
CSCsa76530	Unknown	Mcast over GRE Tunn gets S/W switched after SSO when over L3 PortChannel
CSCsa76801	Unknown	Major bootup failure on Sup720 causing other linecards to PwrDown
CSCsa76812	Unknown	ICC gets stuck after reload if RM ageing is configured to no_aging
CSCsa76833	Unknown	%PFINIT-SP-5-CONFIG_SYNC: Sync'ing the startup to stb...index set to 147
CSCsa77084	Unknown	IntMacRx-Err counts TX errors
CSCsa77105	Unknown	LSP ping shouldn't be sent out untagged interfaces
CSCsa77410	Unknown	CSM:C2R2: show mod csm sticky cmd shows garbage real server ip address
CSCsa77655	Unknown	System keeps crashing if PF_REDUN_CRASH_COUNT is not set properly
CSCsa78705	Unknown	Memleak in l3_mgr_tunnel_is_hw_not_supported_internal after stress
CSCsa79713	Unknown	linecard image download fails after RPR, causes crash
CSCsa80358	Unknown	Connectivity lost on native vlan on etherchannel trunk betn 2 cat6ks
CSCsa81282	Unknown	Flowcontrol Oper status On when port is shutdown
CSCsa81344	Unknown	Incorrect flowcontrol output for LACP Sub-portchannels
CSCsa82334	Unknown	SUPW crashes with invalid VTP packet & wit debugs enabled for vtp
CSCsa82640	Unknown	LSP ping/traceroute times out at untagged hop for MFI images
CSCsa82912	Unknown	CPUHOG for scp_lc_event_mgr on switchover of sup2
CSCsa83541	Unknown	qm_chkpt_add_plcr_to_label msg seen on standby on applying policy
CSCsa85123	Unknown	Cisco 7609 :OSM-1CHOC12DS0-SI :RFI bit should be undefined for VC-12
CSCsa85229	Unknown	CPUHOGs and watchdog timeout at earl_well_known_adj
CSCsa85752	Unknown	H/w entry creation for SSM over GRE Tunnel toggles cont. after reload
CSCsa86103	Unknown	gre keepalives are not punted to rp on return path, tunnel flaps
CSCsa86954	Unknown	PortSec adds specific addr to secure table when rx cdp packet.
CSCsa87127	Unknown	Some features using re-direct index fail on RPR+ switchover SSO working
CSCsa89506	Unknown	WS-X6704-10GE flowcontrol negotiation does not work
CSCsa89917	Unknown	unable to change dot1x max-req vlaue and dot1x timeout tx-period
CSCsa90830	Unknown	WCCP ingress redirect in Mask assign/GRE mode not using ACL TCAM Adj
CSCsa91166	Unknown	GTP SLB : Cannot assign same sticky group to two different gtp vservers
CSCsa91175	Unknown	no login authentication appears as default after vty is configured
CSCsa91749	Unknown	A router may reload when trying to free memory at clear_path_ids
CSCsa91816	Unknown	c6k sends notPresent Temperature StatusValue Value =0 trap
CSCsa92571	Unknown	WS-X6704 line card fails fabric test upon reload
CSCsa94063	Unknown	Rockies2: Mroute Active Rate counter is not updated properly
CSCsa95287	Unknown	MIB OID csgQuotaMgrStats missing in the snmpwalk
CSCsa95660	Unknown	SP may crash if it follows some code path

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CSCsb01009	Unknown	Bidir RP *,G/m entries not populated in hardware in some cases
CSCsb01086	Unknown	CSG: Newly configured VLAN not allowed on trunk until module reload
CSCsb01729	Unknown	show platform tech-support ipmulticast command problems on EARL7
CSCsb01861	Unknown	cat6000: 'mls acl tcam default-result permit' command is broken
CSCsb02590	Unknown	Changing the RP bridge from 0x381 to 0x387
CSCsb03192	Unknown	VPNSMi:DMVPN: incorrect socket created in spoke after hub add changed
CSCsb04346	Unknown	crash l2_aging_proc after changing Spantree mode
CSCsb05822	Unknown	Make *,G/m hardware programming consistent with IOS software behavior
CSCsb06233	Unknown	Lepus: RP Crashed @mdss_scan_mroute_mvrf_cache with neg Test
CSCsb06413	Unknown	Output RACL with UDP range command breaks multicast
CSCsb08236	Unknown	QoS Merge called for every modification of IP named ACL
CSCsb08489	Unknown	vlan delete breaks SPAN
CSCsb09997	Unknown	Enhanced FlexWAN: dropping IS-IS 01:80:C2:00:00:14-15 packets as BPDUs
CSCsb10031	Unknown	Catalyst 6500 Rapid-PVST port will not recover from PVID inconsistent
CSCsb10226	Unknown	DMVPN: rp crash trig by crypto_ss_print in the hub
CSCsb10662	Unknown	PI_E lost on Supervisor after +MN received on DEC with Plus
CSCsb11224	Unknown	system crashes soon after changes in cos-mutation map
CSCsb12076	Unknown	VPN-SM: GRE RP pkts coming to IPSec with tvlan causing route flaps
CSCsb13267	Unknown	Traffic lost on Sup720 Etherchannel after standby reloaded
CSCsb13885	Unknown	Tracebacks at process_watch_boolean & sm_post_event after switchover.
CSCsb14175	Unknown	SLB real servers stay at MAXCONN after open/close IP PDP with sticky on
CSCsb14185	Unknown	SLB reals move to failed on PROBE_ABDICATE with per-packet vservers
CSCsb14306	Unknown	GTP SLB may reload when gtp sticky unconfigd during PDP deletion
CSCsb14855	Unknown	s720 : Packet might be dropped in case IOS-SLB and egress ACL used.
CSCsb15156	Unknown	Missing MAC addr cause LDP flap after switchover if explicit-null set
CSCsb16051	Unknown	traffic should not flood to all LC in L3 distributed port-channel
CSCsb16146	Unknown	FREEBAD: Bus error at ace_polo_send_hapi
CSCsb16396	Unknown	Unicast flooding with Shut on one of the DEC members
CSCsb16475	Unknown	Etherchannel throughput limited message with WS-X6548-GE-TX
CSCsb17320	Unknown	Mcast src-only timer does not work for configured timer intervals
CSCsb18740	Unknown	High cpu utilisation with heavy WCCP-redirection traffic
CSCsb23906	Unknown	spurious memory accesses with 12.2(18)SXE1 in cwan_convert_mac_address
CSCsb24320	Unknown	PP:R3:VPLS+QoS:PWAN2: shaping queue is not created after bootup
CSCsb26773	Unknown	Cat6500 Sup720: Inbound ACL may cause WCCP redirection to fail
CSCsb29783	Unknown	Cat6500 may crash if dot1x auth is disabled during authentication
CSCsb29951	Unknown	IEEE 802.1x authentication time is high (~150 sec for 270 supplicants)
CSCsb32028	Unknown	%CPU_MONITOR-2-NOT_RUNNING: CPU_MONITOR tracebacks and crash

Identifier	Technology	Description
CSCsb32099	Unknown	Packet with Less than 33 bytes payload gets dropped
CSCsb33744	Unknown	service-policy stops packets via MPLS / VPN
CSCsb34354	Unknown	netflow process hogs SP cpu even after netflow is disabled
CSCsb34985	Unknown	const_mpls_prog_vlan_recirc_adj: bad params vlan keep logged & CPU high
CSCsb36874	Unknown	DHCP packet corruption with snooping enabled
CSCsb37618	Unknown	GTP SLB: Doesnt relay create response to SGSN even after max reassigns
CSCsb38242	Unknown	LSP Traceroute shows no labels when last hop P is a 7600 12.2 18 SXE
CSCsb38273	Unknown	L3 Traffic flood over DEC due to incorrect Flood region FPOE
CSCsb38396	Unknown	No traffic passes out MFR sub ints after shut / no shut on 1xCHOC3/ChSTM
CSCsb38885	Unknown	RRI routes dont get deleted after VPNSM reload with HA configuration
CSCsb41562	Unknown	Unable to change flowmask after enable NAT
CSCsb44185	Unknown	24port and 12port restrictions with PVLAN will go off after OIR of card
CSCsb46887	Unknown	MET entry misprogrammed due to high rate of multicast traffic
CSCsb48015	Unknown	All bundle links do not recover following MFR bundle flap
CSCsb49530	Unknown	Device crashes while unconfig switchport
CSCsb49891	Unknown	module clear-config should decrease interface count shown in show ver
CSCsb50559	Unknown	Need fix for MWAM for CSCee10005
CSCsb50995	Unknown	PP:R3: VPLS: memory fragmentation on SP by ATOM LC smgr code
CSCsb54233	Unknown	ISIS hello not rcved on dot1q sub interface on a WS-X6582-2PA
CSCsb55343	Unknown	linkDown trap sent out for control plane interface when sys bootup
CSCsb59349	Unknown	Standby RP crashed on applying policy to 1k SVI
CSCsb61530	Unknown	show mls netflow ip command tree changes
CSCsb63090	Unknown	syntax for action_switch parsed incorrectly
CSCsb70303	Unknown	CSM: CSM hang or both become active/active after rpr+ switchover
CSCsb71242	Unknown	MMLS NSF/SSO: Mcast Failover time very high for the first switchover
CSCcec40868	WAN	FlexWan interfaces dont appear in ifTable when using one SUP
CSCcef71011	WAN	Trans/Bridging: All pings fail when serial(atm-dxi) in use.
CSCceg04325	WAN	CPUHOG in process = Serial Background
CSCceh17470	WAN	traffic shape traceback seen while modifying FR interface dlci num
CSCceh34067	WAN	FlexWAN+PAs: SUP3 RP crash at mfr_set_output_seq() under stress
CSCceh35068	WAN	Frame-relay:CEF adjacency is not established until flap the interfac
CSCceh41080	WAN	PP:FW2:MIV:Marking does not work,either basic or with policer.
CSCceh68965	WAN	large ospf packets truncated when f/r ietf
CSCceh97017	WAN	PP:R3:(FlexWAN+cRTP): show ip rtp header-compression fails to count
CSCsa43553	WAN	After RPR+ switchover, flexwans ingress traffic doesnt hit SLB
CSCsa80223	WAN	Error adding idb to macaddr idb list messages are logged on console

Identifier	Technology	Description
CSCsb09250	WAN	Flexwan - spurious accesses at cwpa_egress
CSCsb64812	WAN	Memory Leak Net Background process

