



Intermediate Release Notes

OmniSwitch 9xxx & 68xx

Release 6.1.3.976.R01

The following is a list of issues that have been identified and corrected in AOS software release. This document is intended to be used as a pre-upgrade guide and does not replace the Release Notes which are created for every GA release of software.

Important Notice: For a copy of software release not posted on the Web, or if you have questions or concerns, please contact Alcatel's Technical Support Department.

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Problems Fixed Between Builds 719 and 740

PR	107828	Build:	6.1.3.721.R01
Summary:	Configured layer 2 policy does not apply properly		
PR	108625	Build:	6.1.3.721.R01
Summary:	QoS task locked up when OV is disconnected while applying a new rule		
PR	108219	Build:	6.1.3.722.R01
Summary:	Sflow: Reboot required after changing loopback address; 6850 send sflow updates with new address.		
PR	105873	Build:	6.1.3.723.R01
Summary:	Arp entry is not being deleted when NI is removed		
PR	107774	Build:	6.1.3.723.R01
Summary:	Excessive topology changes due to low BPDU priority		
PR	109291	Build:	6.1.3.723.R01
Summary:	In the same Linkagg, slot 4 linkagg ports go to blocking while slot 3 linkagg ports are forwarding		
PR	108920	Build:	6.1.3.724.R01
Summary:	Bad replies from OS9700 running 6.1.3 702 R01 for specific OIDs.		
PR	109280	Build:	6.1.3.725.R01
Summary:	68xx new daylight saving time for March 11, 2007 compliance does not work. It would select March 4		
PR	108012	Build:	6.1.3.726.R01
Summary:	OSPF LSDB routes not being processed		
PR	108396	Build:	6.1.3.727.R01
Summary:	Impossible to flash-synchro 9700 CMMs if ip service ftp is disabled		
Explanation:	For copy flash-synchro to work in 9700/9800, FTP service has to be enabled.		
PR	109445	Build:	6.1.3.727.R01
Summary:	Lanpower alert messages recorded in the switch log when plugging an IP phone to a 6824P		
PR	103306	Build:	6.1.3.728.R01
Summary:	Cpu temperature not shown in WebView or CLI		
PR	106509	Build:	6.1.3.728.R01
Summary:	AMAP information of Local Slot not displayed properly when using a SNMP Get command on MIB Browser		
PR	109357	Build:	6.1.3.729.R01
Summary:	"prompt date time" is not saved in the user profile from an ssh session		

PR	106635	Build:	6.1.3.730.R01
Summary:	OS9700 secondary CMM reboot with Cs_system.pmd and "CS excep handler: exception 768 in task 0xf5ec71"		
PR	108102	Build:	6.1.3.730.R01
Summary:	OS9700 CMM-A crash with .pmd file, switch running on Dual CMM and hours later all NIs went down		
PR	108143	Build:	6.1.3.730.R01
Summary:	OSPF LSDB entries do not register in the routing table		
PR	109443	Build:	6.1.3.730.R01
Summary:	Ip-source filter does perform a check on the "permitted" IP source, but does not check on the MAC		
PR	107744	Build:	6.1.3.732.R01
Summary:	Radius Task Crash and 6850 Reset		
PR	109307	Build:	6.1.3.732.R01
Summary:	Need a command to set the NAS-Port-Type on a switch		
PR	107966	Build:	6.1.3.734.R01
Summary:	Pre_banner.txt can only display 800 bytes through SSH; no limit over Telnet.		
PR	108557	Build:	6.1.3.734.R01
Summary:	QoS policy though it is enabled and active, the enforced field for the configured policy is "No"		
PR	106638	Build:	6.1.3.735.R01
Summary:	System crash upon creating a new VLAN with CS excep handler: exception 768 in task 0x89b4a40		
PR	108908	Build:	6.1.3.735.R01
Summary:	Command "ip OSPF neighbor x.x.x.x ineligible" is removed from config once the switch is rebooted		
PR	108974	Build:	6.1.3.735.R01
Summary:	Link Agg get OS9 GNI-C24 down.		
PR	108455	Build:	6.1.3.736.R01
Summary:	OS6800: Console hung and avlan client cannot access to the switch. CPU shows "100%"		
PR	109072	Build:	6.1.3.736.R01
Summary:	Issue with avlan default traffic and NWLink IPX/SPX/NetBIOS Compatible Transport Protocol on 6800		
PR	109619	Build:	6.1.3.737.R01
Summary:	Delay CMM from booting up to allow Secondary CMM to takeover		

PR	107616	Build:	6.1.3.738.R01
Summary:	9700 -- Ni configured with Linkagg, 17 seconds after NI is re-inserted and first fail, ping timeout		
PR	109729	Build:	6.1.3.739.R01
Summary:	Switch crashed with crash pmd - Watchdog Interrupt		
PR	110054	Build:	6.1.3.739.R01
Summary:	OS9700: Switch upgraded (as per PR109139). Rebooted with PMD files. Analysis required.		
PR	108939	Build:	6.1.3.740.R01
Summary:	Telnet/SSH connection can't be established between a Unix machine and a OS6850.		

Problems Fixed Between Builds 741 and 758

PR	105367	Build:	6.1.3.741.R01
Summary:	Gratuitous ARP doesn't update ARP table fast enough		
Explanation:	Introduced ipedrArpQuickLearn (default=0), ipedrArpLearnDelay (default=60) global variable to set from AlcatelDebug.cfg file. If ipedrArpQuickLearn is set to 1, it will learn the arp immediately instead of waiting for the buffer to get filled up (or) for an elapse of 60 ticks. ipedrArpLearnDelay is the delay to wait before programming an arp entry in the hardware. It can be adjusted to any value from 0 to 60 for debugging purpose.		
PR	109228	Build:	6.1.3.741.R01
Summary:	OSPF-RIP NSSA Area redistribution issue		
PR	109821	Build:	6.1.3.742.R01
Summary:	Crash analysis		
PR	102969	Build:	6.1.3.743.R01
Summary:	Switch crashed when 'show vlan 1-37 port' is issued		
PR	110251	Build:	6.1.3.743.R01
Summary:	OS6850 as DHCP relay adds a Non Zeros Padding in the Bootstrap Protocol (RFC1533)		
PR	109557	Build:	6.1.3.744.R01
Summary:	On OS9x00 LR interface showing as SR		
PR	109483	Build:	6.1.3.746.R01
Summary:	OS9700 generated slot pmd and system alerts in the log.		
PR	99748	Build:	6.1.3.748.R01
Summary:	CLI lock up if the telnet session to the switch is lost when trying to read a pmd file		
Explanation:	Mismatch between the MIB file & trap manager file is fixed		
PR	110544	Build:	6.1.3.749.R01
Summary:	Permit redistribution of local route tags to match the router tag value		

PR	105754	Build:	6.1.3.751.R01
Summary:	DHCP Relay forwarding do not comply with RFC2131 when the Offer is not in GiAddr subnet		
PR	103200	Build:	6.1.3.752.R01
Summary:	NI Reset following NI Task taVmnCtrl suspended		
PR	110380	Build:	6.1.3.752.R01
Summary:	Using any 3rd party NMS the Designated Bridge shows wrongly on Non-Designated Bridge		
PR	110373	Build:	6.1.3.753.R01
Summary:	IGMP Query are duplicated with QoS enabled		
PR	109972	Build:	6.1.3.754.R01
Summary:	Putty ssh session hangs and the session is not deleted in the 9700 switch.		
Explanation:	TACACS+ will not work with SSH due to this fix.		
PR	110677	Build:	6.1.3.755.R01
Summary:	AOS 6850-U24X - error messages on reboot i2cread get fail! sysCheckLiteModId CS EEPROM read FAILURE!		
PR	102372	Build:	6.1.3.756.R01
Summary:	Mobile-tag port does not tag traffic on egress on the OS 6850		
PR	110057	Build:	6.1.3.756.R01
Summary:	When the auth-ip is manually assigned, after reboot it shows the default auth-ip even after write me		
PR	106049	Build:	6.1.3.757.R01
Summary:	OS6850 resets with PMD file generation		
PR	106320	Build:	6.1.3.757.R01
Summary:	Accept input/output packets do not appear in Acct logs until initializing the 802.1x port in 6850		
PR	107281	Build:	6.1.3.757.R01
Summary:	Cli prompt is displayed before completing the output of a custom banner		
PR	107557	Build:	6.1.3.757.R01
Summary:	OS8800 - Switch crashed after adding new OSPF area into network. PMD files created.		
PR	110680	Build:	6.1.3.757.R01
Summary:	WatchDog Crash PMD		
PR	107742	Build:	6.1.3.758.R01
Summary:	avlan user unable to ping after takeover - arp stale		
PR	108099	Build:	6.1.3.758.R01
Summary:	OS6850: UserPorts group filtering traffic when VLAN changes are made		

PR	109402	Build:	6.1.3.758.R01
Summary:	ICMP Unreachable reset to disabled after a reboot		
PR	109594	Build:	6.1.3.758.R01
Summary:	OS9700 responds to telnet using the subnet broadcast address		
PR	110105	Build:	6.1.3.758.R01
Summary:	Stack of 2 6850 generated dump and crashed in "qEnqueue +10c0: qEnqueue" with data access exception		

Problems Fixed Between Builds 759 and 776

PR	111248	Build:	6.1.3.760.R01
Summary:	Error messages are filling the SWLOGs		
PR	111204	Build:	6.1.3.761.R01
Summary:	Switch OS 9700 was upgraded last week but it crashed today again.		
PR	110084	Build:	6.1.3.765.R01
Summary:	Dump analysis for slot pmd on OS9000		
PR	110134	Build:	6.1.3.768.R01
Summary:	PC treated as non-suppliant cannot move back to 802.1x unless down/up switch port		
Explanation:	Issue of non-suppliant entries not getting deleted while it is getting deleted in the mac-address table is fixed.		
PR	111561	Build:	6.1.3.769.R01
Summary:	Unit 3 of a stack of 3 6850 rebooted with dumps		
Explanation:	Semaphore protection of the unknown-source-mac list is added to avoid the switch crash due to double free condition		
PR	109273	Build:	6.1.3.770.R01
Summary:	BPDUShutdownPorts is not working for 802.1x port		
PR	109686	Build:	6.1.3.771.R01
Summary:	OS7700 will output STR EsmDrv error		
PR	112164	Build:	6.1.3.771.R01
Summary:	Error in upgrading a 6850 P24L to 6.1.3.755/758 R01 version code		
PR	108010	Build:	6.1.3.772.R01
Summary:	NI is not coming up after out-of-sync takeover in 6800		
PR	111238	Build:	6.1.3.773.R01
Summary:	OS9700 Cannot rip peer with other vend router. RIP updates received only once after interface is up.		

Problems Fixed Between Builds 777 and 785

PR	112326	Build:	6.1.3.777.R01
Summary:	Watchdog crash on CMM		
PR	110473	Build:	6.1.3.778.R01
Summary:	Many "LANPOWER error IpSocketSend: zcBufCreate Failed!" followed by a crash with dumps		
Explanation:	Found 256 byte memory leak in health monitor task		
PR	112276	Build:	6.1.3.778.R01
Summary:	The cmd "ip helper agent-information" is not supported on OS9800 running 6.1.3		
PR	108508	Build:	6.1.3.779.R01
Summary:	Unable to cut/paste more than 12 lines when using serial console connection		
PR	111412	Build:	6.1.3.779.R01
Summary:	OS9700 creates dump file and NI 2 hangs up for 5 minutes after upgrading the code.		
Explanation:	Process linkAgg Marker PDU's on the ports only where linkagg is enabled.If marker PDU's are received on non-linkAgg ports discard those packets.		
PR	111435	Build:	6.1.3.779.R01
Summary:	On OS6850, port status going to blocking after vlan no port mobile command executed		
PR	111142	Build:	6.1.3.781.R01
Summary:	Dump-Crash Analysis		
PR	112456	Build:	6.1.3.782.R01
Summary:	When STP is disabled able to see the RP and NBRP		
Explanation:	Resetting the Spanning Tree parameters if the Spanning tree is disabled.		
PR	112489	Build:	6.1.3.783.R01
Summary:	Jumbo frames get lost when going over a 100mb port		
PR	112616	Build:	6.1.3.783.R01
Summary:	Configuring MSTP on OS6850 causing all edge ports into blocking state.		
PR	111802	Build:	6.1.3.784.R01
Summary:	HSM-CHASSIS info == HSM == NI Task suspended. TaskName: taPortMir. LastError: 1835009		
PR	112535	Build:	6.1.3.785.R01
Summary:	9700 Hung (Ni Dump)		
PR	112561	Build:	6.1.3.785.R01
Summary:	OS 9700 "task tiprm suspended" CPU 100%		

Problems Fixed Between Builds 786 and 805

PR	101253	Build:	6.1.3.787.R01
Summary:	WebView task is running at 100% when logging using http		
Explanation:	When an AVLAN client connects from a PC running Windows Vista, there might be a CPU spike in the switch or in the Windows PC. Also the webview pages might take a long time to download. In such situations the value of the flag 'taskdelaytransmitpend' should be set to 1 either in dshell		
	dshell->taskdelaytransmitpend=1		
	or should be given in AlcatelDebug.cfg file (placed in /flash/working) as		
	debug set taskdelaytransmitpend 1		
	and the switch should be rebooted.		
PR	110224	Build:	6.1.3.787.R01
Summary:	After link down - multicast source is not registering with PIMSM RP		
PR	110228	Build:	6.1.3.787.R01
Summary:	PIM-SM Crash		
PR	113079	Build:	6.1.3.788.R01
Summary:	First multicast packet is not forwarded on the 6850		
PR	110896	Build:	6.1.3.789.R01
Summary:	6850 stack created PMD file need analysis		
PR	112612	Build:	6.1.3.789.R01
Summary:	Tho VRRP authentication is not supported in 6.1.3, the CLI still shows the authenticate option		
PR	113556	Build:	6.1.3.790.R01
Summary:	6600 running 5.1.6.R02 creates extra policy rules while creating a policy using OneTouch voice/data		
PR	112784	Build:	6.1.3.791.R01
Summary:	Users authenticated through TACACS+ ASA are not entitled to access ACLMAN with "write" permissions		
PR	113106	Build:	6.1.3.796.R01
Summary:	More than 55 AVLAN clients can't able to log in to the switch		
PR	113484	Build:	6.1.3.796.R01
Summary:	TX Loss Frame incrementing on STP block port.		
Explanation:	Change the way counters are retrieved and displayed		
PR	113672	Build:	6.1.3.797.R01
Summary:	CLI does not allow configuration of more than 2 ports for UDP relay		

PR	108259	Build:	6.1.3.799.R01
Summary:	Ni Monitoring timeout caused the NI to reboot		
PR	113645	Build:	6.1.3.802.R01
Summary:	talpni task stuck at 100%		
PR	114116	Build:	6.1.3.805.R01
Summary:	Non-suppliant 802.1x authentication is not working with ARP request packets in 6.1.3.776.R01		
PR	114504	Build:	6.1.3.805.R01
Summary:	OSPF Border Routers aging out on 2nd hop router, 1st router not flooding LSA		
PR	114889	Build:	6.1.3.805.R01
Summary:	10 GIG card crashes on 6800. 613-804 build.		
Problems Fixed Between Builds 806 and 833			
PR	114731	Build:	6.1.3.806.R01
Summary:	Multicast control traffic priority		
PR	114855	Build:	6.1.3.806.R01
Summary:	High load of CPU on 6850 stack with pass-thru unit when telnet session is killed		
PR	113962	Build:	6.1.3.807.R01
Summary:	SNMPWalk on OS6850 running code 6.1.2.256R03 does not show info of Linkagg which is operational.		
PR	114721	Build:	6.1.3.807.R01
Summary:	Port flapping between OS6850 and OS7800 on a fiber connection.		
PR	101853	Build:	6.1.3.809.R01
Summary:	When reading MIB entries a stack is handled as one chassis		
PR	86777	Build:	6.1.3.810.R01
Summary:	tCS_PRB and AAA tasks suspended		
PR	115063	Build:	6.1.3.810.R01
Summary:	OS9-XNI-U6 part number displayed incorrectly. It should display the 9xxxxx-xx and Not the 05xxxx.		
PR	107743	Build:	6.1.3.812.R01
Summary:	Switch Crash in UdpRly Task		
PR	113800	Build:	6.1.3.814.R01
Summary:	OS 9800 with a static mac- address entry on a linkagg flushed.		
PR	112471	Build:	6.1.3.815.R01
Summary:	info == CSM == Remote CSM Status Not valid: 18, forcing NULL		

PR	114314	Build:	6.1.3.816.R01
Summary:	BPDU shutdown disable forwarding on edge port after reboot		
PR	115200	Build:	6.1.3.816.R01
Summary:	Network crash following NI instability		
PR	108776	Build:	6.1.3.817.R01
Summary:	OS6850 stack crash: Invalid Address used during a memory free (0x904c340).		
Explanation:	Defense checks were added to prevent race conditions for freeing fds		
PR	112623	Build:	6.1.3.818.R01
Summary:	Wrong rights given to SNMP user when configured via Web Interface		
PR	115075	Build:	6.1.3.818.R01
Summary:	OS9700: NI Monitoring Timeout. NI reset.		
PR	115836	Build:	6.1.3.818.R01
Summary:	Unable to save more than 252 static multicast group entries in boot.cfg		
PR	95154	Build:	6.1.3.820.R01
Summary:	Dual 6800 stacks, pulled the stacking cable, put it back, power down primary, secondary not takeover		
PR	115450	Build:	6.1.3.821.R01
Summary:	SSH windows hangs after 90 secs of inactivity on OS9700 running code 6.1.3.805R01		
PR	115499	Build:	6.1.3.821.R01
Summary:	SNMP "get" returns wrong values for some AOS mibs		
PR	115240	Build:	6.1.3.824.R01
Summary:	OS9700: Port Mapping stops working after sometime on 613.805.R01. Works fine on 615.479.R01GA		
PR	116094	Build:	6.1.3.825.R01
Summary:	PX: info memPartAlloc: block too big - 2048 in partition 0x3cd99c. -- error on console		
PR	114787	Build:	6.1.3.828.R01
Summary:	Multicast fails to Failover with LinkAgg configured		
PR	116133	Build:	6.1.3.829.R01
Summary:	ip multicast disruption when cmm takes over		
PR	114860	Build:	6.1.3.830.R01
Summary:	6850 stack : memory not released		

PR **116019** Build: 6.1.3.830.R01
 Summary: ARP Reply on OS9800 code 6.1.3.805R01 is different from the behaviour on OS7800 with 5.1.5.245.R04
 Explanation: NLB servers send ARP request packets with virtual mac as the source Mac. The switch sends the ARP response to the physical mac but the NLB Server expects the virtual mac in the ARP response. Fix has been done to send the ARP response to the virtual mac of the NLB server.

PR **115325** Build: 6.1.3.831.R01
 Summary: OS9800 running code 6.1.3.785R01 crashed generating a pmd files.

PR **115941** Build: 6.1.3.831.R01
 Summary: SNMP object entLastChangeTime is not returning the right value

Problems Fixed Between Builds 834 and 838

PR **116600** Build: 6.1.3.836.R01
 Summary: SSH session causes the CPU to increase to 100%

Problems Fixed Between Builds 839 and 861

PR **112852** Build: 6.1.3.839.R01
 Summary: Client saw CMM-B reloaded with PMD file

PR **116080** Build: 6.1.3.840.R01
 Summary: After Upgrading 6800 Lite switches to Gig capacity, show cmm/module long still displays 10/100.

PR **116448** Build: 6.1.3.840.R01
 Summary: MAC table reflush issue under stacking topology

PR **114611** Build: 6.1.3.841.R01
 Summary: ACL misbehavior with two core OS9700s running release 6.1.3.785R01

PR **115950** Build: 6.1.3.841.R01
 Summary: No command to start/stop PoE on multiple ports

PR **116738** Build: 6.1.3.842.R01
 Summary: A stack of 4* OS 6850 crashed running code 6.1.3.805.R01

PR **114837** Build: 6.1.3.845.R01
 Summary: IfOutErrors on 6850P ports
 Explanation: Change the way counters are retrieved and displayed

PR **116786** Build: 6.1.3.845.R01
 Summary: OSPF issue: In NSSA redistributed RIP routes are not learned with correct destination IP

PR **116069** Build: 6.1.3.846.R01
 Summary: Log analysis : Unsolicited Unstacking on a stack of 2 6850

PR	116596	Build:	6.1.3.847.R01
Summary:	Ni reset due to Ni monitoring timeout on 9700 running 6.1.5.498R01.		
PR	116671	Build:	6.1.3.848.R01
Summary:	OS6855- Copy working certified crashes the switch and creates pmd files.		
PR	107864	Build:	6.1.3.849.R01
Summary:	Port shutdown when CPU reach a configured Threshold		
PR	111567	Build:	6.1.3.850.R01
Summary:	STP crash while hotswaping 10 gigabit module		
Explanation:	Check added to avoid crash during SNMP get on STP tables.		
PR	113129	Build:	6.1.3.850.R01
Summary:	Certain AVLAN client can't get log off from switch		
Explanation:	The avlan auth ip structure gets corrupted, when a vlan is deleted. The corruption is prevented by using the new vlan instead of previous index while initializing the auth-ip to zero.		
PR	117094	Build:	6.1.3.850.R01
Summary:	Static host route disappears after some time.		
PR	114153	Build:	6.1.3.855.R01
Summary:	Dump and crash analysis		
PR	117677	Build:	6.1.3.855.R01
Summary:	'ip helper' info does not show in write terminal as configured in the CLI		
PR	117197	Build:	6.1.3.856.R01
Summary:	PIMSM: CPU goes 100% for a while when source first sends traffic		
PR	117448	Build:	6.1.3.857.R01
Summary:	Static host route is not working as expected		

Problems Fixed Between Builds 862 and 874

PR	115411	Build:	6.1.3.865.R01
Summary:	ERROR: TDO mismatch on OS9700 while upgrading FPGA. Jumper settings are fine.		
PR	117948	Build:	6.1.3.865.R01
Summary:	68xx does not send LSA ACK for the LS Update got from DR, this in turn flaps the OSPF network		
Explanation:	OSPF packets with length 260 dropped in qDisp due to invalid check done for AVLAN tcp ports -- packets with length 259 - 262 will drop.		
PR	117317	Build:	6.1.3.867.R01
Summary:	OS6850 stack (6.1.3.838R01)of four units crashed generated PMD. Need analysis & FIX.		

PR **115445** Build: 6.1.3.872.R01
 Summary: Ni reset due to Ni monitoring timeout on 9700 running 6.1.3.805R01
 Explanation: NI Monitoring issues due to instruction/ data corruptions have been resolved with this check in.

PR **117527** Build: 6.1.3.873.R01
 Summary: BGP instabilities after IBGP link down/up

Problems Fixed Between Builds 875 and 886

PR **116748** Build: 6.1.3.876.R01
 Summary: Debug memory command crashed the switch

PR **116995** Build: 6.1.3.877.R01
 Summary: IP Multicast Arp for NLB downstream configure option

PR **118093** Build: 6.1.3.877.R01
 Summary: Loopback0 is not part of network group Switch

PR **118322** Build: 6.1.3.878.R01
 Summary: OS9700: Tagged Ports with vlan1 not seen in spanning tree configuration

PR **106098** Build: 6.1.3.879.R01
 Summary: Sflow feature is not showing the correct statistics on 6850.

PR **117499** Build: 6.1.3.882.R01
 Summary: AOS 6.1.3.838.R01 - NI Monitoring timeout - Please analyze dump files and fix

PR **117618** Build: 6.1.3.885.R01
 Summary: OS6850 - crashed because of loop on third-party hub.

PR **118390** Build: 6.1.3.886.R01
 Summary: Policy Rule prevents communication between two vlans without any reason.

Problems Fixed Between Builds 887 and 907

PR **118834** Build: 6.1.3.887.R01
 Summary: Line header missing from command output of "show 802.1x user"

PR **118750** Build: 6.1.3.888.R01
 Summary: Messages to Syslog server do not use Loopback0 as IP-SRC

PR **114632** Build: 6.1.3.890.R01
 Summary: Stack of 3 OS-6800 switches split up causing an STP loop

PR **118827** Build: 6.1.3.890.R01
 Summary: Attribute value pair in the accounting packet does not conform to the TACACS+ "Standard".

PR	119373	Build:	6.1.3.893.R01
Summary:	The Radius Access-Request use the closest ip address for the attribute "NAS-IP-Address"		
PR	118981	Build:	6.1.3.894.R01
Summary:	Show ip bgp path neighbor-rcv 142.165.3.9- display unknown object type		
PR	119427	Build:	6.1.3.895.R01
Summary:	Static DHCP-snooping binding table entries on 6850 are getting flushed when PC is disconnected and P		
PR	98486	Build:	6.1.3.896.R01
Summary:	1G to 100M packet loss in case of bursty traffic		
PR	119456	Build:	6.1.3.896.R01
Summary:	Stack of 6800: crash when querying OID 1.3.6.1.4.1.6486.800.1.2.1.12.1.1.1.2 (vStpPortTable)		
PR	119376	Build:	6.1.3.897.R01
Summary:	Closest IP instead of loopback0 is used to establish the communication switch-policy server.		
PR	94488	Build:	6.1.3.898.R01
Summary:	"Show health <slot/port>" displays transmit/receive at twice the rate of rx/tx		
Explanation:	This is to fix the incorrect calculation of RxTx (RxTx output of 'show health' command) for Full-duplex ports. It was calculated by considering only Tx, so fixed to consider both Tx and Rx.		
PR	117580	Build:	6.1.3.898.R01
Summary:	sFlow doesn't provide appropriate number of samples		
PR	117984	Build:	6.1.3.899.R01
Summary:	9000 causing loop and duplicating traffic		
PR	119446	Build:	6.1.3.899.R01
Summary:	Pmd file generated in a stack of 6800 when trying to upgrade from 6.1.2.229 R03 to 6.1.3.886R01		
PR	118389	Build:	6.1.3.900.R01
Summary:	Primary CMM kept on resetting running code 615.506.r01		
PR	119430	Build:	6.1.3.900.R01
Summary:	Show policy classify command showing incorrect matches on OS6850 switch running 6.1.5.506R01		
PR	119457	Build:	6.1.3.900.R01
Summary:	Some packets are not DSCP stamped when log is enabled on DSCP rule		
PR	118991	Build:	6.1.3.901.R01
Summary:	OSPF: Default route disappears from "show ip route" while it is still in "show ip OSPF route"		

PR	119447	Build:	6.1.3.901.R01
Summary:	msti port stay blocking		
PR	119583	Build:	6.1.3.902.R01
Summary:	AVLAN logout behavior enhancement needed		
PR	119674	Build:	6.1.3.904.R01
Summary:	multicast packet dropped due to buffering		
PR	119848	Build:	6.1.3.905.R01
Summary:	Issues with QoS when setting default servicing mode to WRR on OS6850 running 6.1.3.886R01.		
PR	119926	Build:	6.1.3.907.R01
Summary:	Multicast routing traffic doesn't go through, caused by static linkagg or dynamic linkagg		
Explanation:	Pass the actual primary port wherever we have proper agglid from VMC and update primary port on linkagg configuration		

Problems Fixed Between Builds 908 and 941

PR	101320	Build:	6.1.3.911.R01
Summary:	Default dispositions do not function after reboot		
PR	119173	Build:	6.1.3.911.R01
Summary:	NMAP TCP scan showed port 111 is open		
PR	119895	Build:	6.1.3.912.R01
Summary:	OS 9800 running on 6.1.3.838.R01 crashed and generated Dump files.		
PR	119478	Build:	6.1.3.913.R01
Summary:	copy working certified flash-synchr caused the 6800 stack to reboot		
PR	119796	Build:	6.1.3.913.R01
Summary:	OV SecureView ACL issue in 6850 running 6.1.3.886R01 code		
PR	119785	Build:	6.1.3.914.R01
Summary:	Interface frame max size can't be saved		
PR	119901	Build:	6.1.3.914.R01
Summary:	NO ECHO Reply seen on the port		
PR	119978	Build:	6.1.3.914.R01
Summary:	ARP-Request does not trigger vlan mobility rules if 802.1x is activated on the port		
PR	119646	Build:	6.1.3.916.R01
Summary:	OS9800 switch running 6.1.5.479 R01 when acting as s DHCP client does not add Default Gateway.		
PR	120130	Build:	6.1.3.916.R01
Summary:	OSPF V3 passive interface		

PR	119386	Build:	6.1.3.917.R01
Summary:	7700/6800 switch processing the unicast arp reply not destined for it.		
PR	120268	Build:	6.1.3.918.R01
Summary:	OS6850 running on code 6.1.3.907R01 showing wrong system timezone for BST in CLI.		
Explanation:	Added support for known UTC abbreviations for Timezone configuration page.		
PR	119823	Build:	6.1.3.919.R01
Summary:	msti port stay blocking		
PR	120109	Build:	6.1.3.919.R01
Summary:	CMM crashed due to exception in STP task		
Explanation:	Check added to avoid crash during SNMP walk on STP tables.		
PR	117465	Build:	6.1.3.920.R01
Summary:	OS9700: After upgrade from 6.1.3.838.R01 to 6.1.3.874.R01 a LED on GNI-U24 is on even without GBIC.		
PR	119839	Build:	6.1.3.921.R01
Summary:	Power outage to the equipment which is less than a sec makes 6850 console hang		
PR	118662	Build:	6.1.3.923.R01
Summary:	6602 Idle Unit Crashed During Flash Synchro		
PR	119328	Build:	6.1.3.924.R01
Summary:	PC traceroute to the wrong BGP interface and sometimes display "not a swroot" error message.		
PR	119458	Build:	6.1.3.925.R01
Summary:	DHCP broadcast with source ip 0.0.0.0 are treated as spoofed packet in OS6850 UserPorts.		
PR	119844	Build:	6.1.3.928.R01
Summary:	If a client failed 802.1x authentication and moved to non-suppliant. have to Power off and ON stack		
PR	120519	Build:	6.1.3.928.R01
Summary:	OS6850 running on 6.1.3.874.R01 crashed and generated PMD files.		
PR	120592	Build:	6.1.3.928.R01
Summary:	With OS 9700 wrong slb probe configuration in boot.cfg		
Explanation:	Comparison of SLB Timeout Value with the SLB Probe value during boot-up.		
PR	120594	Build:	6.1.3.929.R01
Summary:	4th module of OS6850 running on 6.1.3.805.R01 got rebooted with the dump file in a stack of 6 switch		
PR	115323	Build:	6.1.3.931.R01
Summary:	On changing the slb cluster name with "-" (hyphen) on 9700 , packets do not reach the server		

PR	120738	Build:	6.1.3.933.R01
Summary:	Non-contiguous mask in a static route getting changed in "Show ip route".		
PR	120898	Build:	6.1.3.934.R01
Summary:	Flood rate setting in 10G cards is not working correctly		
PR	120744	Build:	6.1.3.935.R01
Summary:	LS command show strange character string -- caused by SFTP unclosed		
Explanation:	Using SFTP crashes the switch if socket is not closed properly. Problem is with File Descriptor running out of buffers		
PR	117152	Build:	6.1.3.936.R01
Summary:	Combinations of policy conditions and buffer depth action lead to an error message in QoS logs		
PR	120625	Build:	6.1.3.937.R01
Summary:	NTP agent can't read /network/ntp.keys authentication file		
Explanation:	NTP Would read the /network/ntp.keys files after boot up.		
PR	120335	Build:	6.1.3.939.R01
Summary:	It takes long time for Windows Vista Avlan client to download the java applet after web authenticati		
Explanation:	We currently Support Java- SE Runtime Environment 6 update 3. Java version 1.6.0_03 jre-6u3-windows-i586-p-s.exe		
	Notes: Other Java versions may not have been tested and nor supported.		
PR	120915	Build:	6.1.3.940.R01
Summary:	Slow avlan authentication, ip reassigning using window vista client		
Explanation:	We currently Support Java- SE Runtime Environment 6 update 3. Java version 1.6.0_03 jre-6u3-windows-i586-p-s.exe		
	Notes: Other Java versions may not have been tested and nor supported.		

Problems Fixed Between Builds 942 and 962

PR	121226	Build:	6.1.3.942.R01
Summary:	vlan enable cause slow initialization of ip interface in vlan context		
Explanation:	Added a check for vlan -port binding before updating the linkagg VPA		
PR	121145	Build:	6.1.3.945.R01
Summary:	Unable to set a LACP port as NOPTP connection type on OS6850		
PR	121276	Build:	6.1.3.949.R01
Summary:	OSPF P2P connections: higher cost interface used instead of lower cost		
PR	121290	Build:	6.1.3.950.R01
Summary:	Wake on Lan on 802.1x port does not work properly on OS6800 running 6.3.1R01.		

PR	121648	Build:	6.1.3.950.R01
Summary:	Daylight savings times for the AEST (Australian Eastern Standard Time) timezone have changed		
PR	120544	Build:	6.1.3.951.R01
Summary:	OS6800 stack configuration primary rebooted with no PMD.		
Explanation:	Changed the implementation such that after a slot pmd is dumped by the NI Sup & Prb task, the reboot of the switch will be done by the same task itself. This avoids sending message to the HSM task and failure to reboot switch due to loss of this message.		
PR	109011	Build:	6.1.3.952.R01
Summary:	When PC moved from one vlan to another the PC still pulls up the same IP as earlier vlan subnet		
PR	121621	Build:	6.1.3.953.R01
Summary:	OS6850 running on 6.1.3.907.R01 crashed and generated PMD.		
Explanation:	While running traceroute command, Crash pmd was generated when the session times out. Introduced an error condition check to return from the function in case of invalid value to prevent the crash.		
PR	121972	Build:	6.1.3.954.R01
Summary:	PC is not able to ping the switch IP after getting authenticated through mac-authentication. Switch		
PR	121674	Build:	6.1.3.955.R01
Summary:	Lost DHCP Discover/requests when using 802.1x and delay in authentication.		
PR	120821	Build:	6.1.3.956.R01
Summary:	Qualys Security Scanning on the network caused OS 9700 core switches to Freeze.		
Explanation:	Problem is caused when tt is dumped on the console as part of debugs added in malloc(0). A new flag is introduced to enable / disable this tt dumping as required. This is just a workaround.		
PR	120581	Build:	6.1.3.957.R01
Summary:	User authentication failed using LDAP server		
Explanation:	Use nonblocking LDAP API calls to avoid lockup between the LDAP Main task and the LDAP client task.		
PR	122522	Build:	6.1.3.958.R01
Summary:	OS9700 running on code 6.1.3.886R01 crashed and generated PMD.		
Explanation:	In the pmd enhancement that was done, we have added the list of tasks in the ready queue along with the Task control block of all active tasks to the existing pmd, which would help us answer the scheduling discrepancies in the future.		
PR	122456	Build:	6.1.3.960.R01
Summary:	6800 connected to 6200 ,link flaps when connected Tx first and Rx next.		
Explanation:	Modified the break link timer for autonegotiation to 5 ticks for 6600 to prevent toggling.		

PR **110473** Build: 6.1.3.961.R01
 Summary: Many "LANPOWER error IpSocketSend: zcBufCreate Failed!" followed by a crash with dumps
 Explanation: Found 256 byte memory leak in health monitor task

PR **122457** Build: 6.1.3.961.R01
 Summary: 6800 stack halted power cycled to recover the switch no PMD.
 Explanation: An invalid file descriptor is accessed causing an exception and suspending the telnet task. A defensive fix has been provided that checks the validity of the file descriptor before accessing it.

PR **122735** Build: 6.1.3.961.R01
 Summary: Dump analysis for 9700
 Explanation: The maximum number of characters that can be given in the vlan name has been checked properly. Hence the data being written into next memory block is prevented.

Problems Fixed Between Builds 963 and 976

PR **122886** Build: 6.1.3.964.R01
 Summary: Route-map names with space in between disappear after switch reload.
 Explanation: Include processing of quotes and spaces in routemap name configuration.

PR **119874** Build: 6.1.3.966.R01
 Summary: 1 hr max CPU value not showing correct value on OS7800 running 5.1.6.416R02.
 Explanation: Code changed to display the 1 hr max value correctly in "show heath" output and to display the "1 hr max value" array as part of "debug health cpu" command

PR **123159** Build: 6.1.3.967.R01
 Summary: 6850 reboots after scanning it using Qualys
 Explanation: To fix Emweb server crash when the QualysScan tool is used to scan the switch.

Under Verification:

PR **106533** Build: 6.1.3.762.R01
 Summary: MACs are not flushed on the remote NI after topology change resulting in a traffic drop
 Explanation: When STP converges, MACs may not be flushed on ports that go to blocking. This will result in traffic disruption until MAC ages out.

PR **107496** Build: 6.1.3.779.R01
 Summary: Correct level for systrace messages which are filling up the systrace buffer

PR **121542** Build: 6.1.3.963.R01
 Summary: arp entry does not show up in OS9700 going to a OS6850
 Explanation: Set the high gig ports to all vlans in fabric on init. Discard fabric vpa update messages and vlan table synchronization between fabrics on dual CMM.

PR **123052** Build: 6.1.3.968.R01
 Summary: show spantree cist ports displays wrong primary port for linkagg
 Explanation: Changes done to display the primary port field correctly for linkagg ports in "show spantree cist ports active" cmd

PR **123565** Build: 6.1.3.973.R01
 Summary: OS9-XNI-U6 in slot 4 uses 100% CPU - task IPNI
 Explanation: Recover IPNI in case invalid FDs are set

Known Issues:

PR **86669**
 Summary: IPv6 router advertisement does not support decrementing timers
 Explanation: IPv6 Router Advertisement decrementing timers are not supported for prefix valid lifetimes or prefix preferred lifetimes.
 Workaround: Use IPv6 Router Advertisement fixed timers.

PR **100356**
 Summary: BPDU's & dyn macs get lrn on blocked agg port on some tagged vlans, BPDU's never age out
 Explanation: During boot-up, a linkAggr port can momentarily become forwarding before blocking causing BPDU and dynamic MACs to be learned on that port. The dynamic MACs could potentially remain learned on the linkAggr port for some time, resulting in traffic disruption.
 Workaround: Manually flush the MACs learned on the blocked port or admin down/up the blocked port.

PR **105039**
 Summary: MLDV2 reports are not aggregating while proxying over to Querier
 Explanation: When Proxying in IPMS is enabled, IGMPv3 and MLDv2 reports generated by the system on behalf of clients are not aggregated; rather IGMPv3 and MLDv2 reports are generated containing a single record.
 Workaround: N/A

PR **105168**
 Summary: "Model name/Description" display wrong info in "show ni" command.
 Explanation: In regards to CLI command Show ni. The display of XFP and SFP Model name and Description now display the manufacture name. These fields need to display the Model Name and device Description.

PR **105491**
 Summary: After adding a new area to OSPFv3, the inter-area-{prefix,routers} LSAs are missing in the new area
 Explanation: Existing inter-area-prefix and inter-area-router LSAs are not originated into areas that are created after initial convergence of the network. For example, the router is running and it originates a set of inter-area-prefix or inter-area-router LSAs into all known areas. Later, another area is added, the new area will not have any of the inter-area-prefix or inter-area-router LSAs that exist in the other areas prior to the creation of the new area.
 Workaround: When adding an area to OSPFv3 after it has been running for a while, it should be globally disabled and then re-enabled using the "ipv6 OSPF status disable/enable" command.

PR **106106**
 Summary: SNMP Agent returns out of range integer values for objects in Vlan STP MIB.
 Explanation: STP may return a hello time of 0 on SNMP queries on disabled instances after the switch has been running for some time. There is no other functional problem.
 Workaround: None.

PR	105381
Summary:	Able to cp files in /flash even there are no spaces "-1 bytes free"
Explanation:	Flash file system shows no space but allows copy anyway.
Workaround:	Remove any unneeded files before performing copy.
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PR	117580
Summary:	sFlow doesn't provide appropriate number of samples
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PR	107605
Summary:	Traffic routed to unicast IP, multicast MAC is flooded, including on a 10G blocking port
Explanation:	On the XNI-C24, XNI-P24 and XNI-U24 NIs, an arp reply with a multicast mac as the next hop mac, is learn't dynamically by the switch on the user ports. Additionally, packets forwarded using this next hop mac/ multicast arp, do not follow spanning tree checks. These packets will be egressed out on blocking ports (if any) in the vlan, which could cause loops in the network.
Workaround:	None.
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PR	124139
Summary:	"show configuration status" output is incorrect after bpdu rx on 802.1x mobile port
Explanation:	Fix to update the configuration status of the NI and the CMM when the mobile port becomes fixed port upon receiving BPDU. The change will not happen when ignore BPDU setting is enabled for the port.
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PR	86853
Summary:	Pass thru mode test failed with stack of 9
Explanation:	A stack of 9 is not supported.
Workaround:	None. The maximum stack elements can be only 8.
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PR	87683
Summary:	The statistics of "etherStatsPkts65to127Octs" (Rx counter) counts both Tx and Rx packets (65To127).
Explanation:	The RMON object etherStatsPkts65to127Octs and other similar objects from rfc 1757 contain both TX and RX packet counts.
Workaround:	N/A
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PR	93114
Summary:	Oversized L2 Multicast packets are counted as InUcastPkts
Explanation:	If an ingress packet is oversized, it is not for broadcast or multicast anymore. As a result, ingressing oversized layer 2 multicast packets are counted as unicast packets.
Workaround:	N/A

PR	94269
Summary:	Packet over 1516 bytes are counted as unicast/error frame even if the packet is not unicast
Explanation:	The OminSwitch counts all error packets as unicast packets in the packets received and error counters regardless of whether the packet is a unicast packet or a multicast packet. An oversize packet is defined as a packet longer than 9216 bytes. This causes the following behavior in the switch. 1) Received packets longer than 9216 bytes are counted as unicast packets AND as error packets even if the packet is a broadcast or multicast packets. 2) For ports operating at speeds of 10 Mbps or 100 Mbps, a packet is not counted as an error packet unless it is longer than 9216 bytes.
Workaround:	No workaround.
PR	94866
Summary:	Packets with Invalid L2 source MAC addresses continue to get forwarded by switch.
Explanation:	Invalid Packets with SA or DA set to all 0's continue to get bridged by system.
Workaround:	There is no known workaround at this time.
PR	95308
Summary:	Temporary loop on changing bridge priority or port down in RSTP with Link Agg
Explanation:	Temporary traffic loops could happen under the following scenarios: 1. Reloading of a non root bridge. This happens when the bridge is going down and is due to the sequential bringing down of NIs during a reload process .It is purely temporary in nature and stops when all the NIs eventually get powered off. 2. NI power down When an NI power down command is executed for an NI and if that NI has the Root port and other NIs have Alternate ports, it is possible to see some traffic looping back from the newly elected Root port. The traffic loop back is temporary and will stop once the NI gets powered off. 3. New Root bridge selection Temporary loops could occur during the process of electing a new Root bridge, if this election process is triggered by the assignment a worse priority for the existing root bridge or a root bridge failure. This happens due to the inconsistent spanning tree topology during the convergence and stops entirely once the network converges
Workaround:	For items 1 and 2 above there is no work around presently. For item 3 the following work around could be applied: 1. Tune the max age (and or max hops in the case of MSTP) parameter to a lower value that is optimal for the network. This will reduce the convergence time and thereby the duration of temporary loops. 2. To select a new root bridge, consider assigning better priority for that bridge instead of assigning worse priority for the existing root bridge.
PR	98417
Summary:	When "Filtered" MACs move between ports, they should come to the CPU.
Explanation:	When a MAC is learnt as "Filtered" for one port due to a Group Mobility rule violation, and if the MAC reappears on another port, it will not be updated. That is the MAC will not be shown as filtered for the new port, but will continue to show filtered in the old port.
Workaround:	There is no workaround.

PR	99331
Summary:	If a gm rule gets created & deleted after deleting a vlan w/ "ip-subnet" rule, trff won't go through
Explanation:	When protocol or subnet based mobility rules are deleted and created after vlan delete, the traffic coming in after this is not classified correctly.
Workaround:	Delete the rule first before deleting the vlan.
PR	100130
Summary:	Hosts not seeing the existing flow after changing from dvmp tunnel to native and vice versa
Explanation:	When interfaces from two different routers that are physically attached to the same network are changed from native DVMRP interfaces to DVMRP tunnel interface on-the-fly or vice versa, the multicast traffic will stop being routed across this path.
Workaround:	Disable DVMRP before making the change, and then re-enable it again.
PR	104635
Summary:	CLI command "interface x/y speed/autoneg..." s/b disable for combo port.
Explanation:	Applying the non-hybrid version of " interfaces" command to combo ports may result in incorrect configuration.
Workaround:	Use hybrid command for combo ports and use regular (non-hybrid) command for regular (non-combo) port. For example to set speed: - use "interfaces <slot/port> hybrid fiber speed 100" for combo port - use "interfaces <slot/port> speed 100" for non-combo port.
PR	105399
Summary:	Traffic gets flooded in Large L2 table mode over dyn agg across NIs after passing aging time cycle
Explanation:	Under the following conditions, traffic is flooded instead of unicast bridging: When the chassis is operating under the distributed mode of source learning, and the traffic from slots egressing linkaggregation on different slots and the ingress and egress traffic are asymmetric.
Workaround:	Configure the source mac as static or use linkaggregation on the same slot.
PR	105646
Summary:	Mib var. "entPhysicalModelName; entPhysicalDescr; " need to provide more descriptive values
Explanation:	entPhysicalModelName MIB variable returns vendor name of SFP instead of model name for an SNMP get/getNext call to this object.
PR	105788
Summary:	SNMP returns out of range value for dot1dStpProtocolSpecification.
Explanation:	Some STP entries in the 802.1D standard mib may return out of range or undefined values. This is because we are returning the true values of a newer version of STP (802.1Q 2005), not 802.1D 1998 that the mib is based on. When a new standard mib is defined we can obsolete the old version.
Workaround:	NA
PR	105789
Summary:	ifMauTable returns object with out of range values for 10 GbE ports.
Explanation:	A get call to IETF_MAU MIB ifMauAutoNegSupported object returns a value of 0(zero) for 10Gig ports. Value 0(zero) is out of range because only two values 1(Autoneg supported) and 2 (Autoneg not supported) are part of this object.

PR	106130
Summary:	SNMP Agent returns wrong syntax for objects in SFLOW MIB
Explanation:	The syntax for sflowReceiver and sFlowAgent returned by switch are not octets, but strings.
Workaround:	None.

PR	106513
Summary:	Wrong Port is displayed as next best root port
Explanation:	STP can display the wrong port as the next best port. The next best port is not actually used in topology calculation and has no effect on the network.
Workaround:	None+

PR	106514
Summary:	STPCMM> Vlan doesn't exist : 1275 (bridging/spanning_tree/cmm/src/stpCMM_obj_mgr-on SVLAN Deletion
Explanation:	Deleting a large range of SVLAN's will sometimes result in STP error message about the SVLAN status.
Workaround:	It is recommended to delete the SVLAN's in a smaller range of vlans.

PR	106559
Summary:	Unable to display Crash.pmd file by using "show log pmd Crash.pmd"
Explanation:	The problem is that output to STDOUT is re-directed to the pmd file. A printf is occurring that causes the show log command to fail.
Workaround:	The contents of the pmd file can still be viewed with vim, gvim, etc. as most of the contents are ascii strings.

PR	106670
Summary:	Entries in ipxServTable contain invalid instance identifiers.
Explanation:	ipxServTable returns the name of the IPX SAP. This is a variable length name. The SNMP standard specifies that variable length strings should be preceded by a length byte. Some SNMP applications could have problems with this.
Workaround:	None

PR	106730
Summary:	new added q-tag ports to existing DHCP-snooping vlan will not show in the DHCP-snooping port table
Explanation:	After DHCP Snooping is enabled against the VLAN, adding the q-tag port to the VLAN, the newly added q-tag port is not shown in the DHCP Snooping port list.
Workaround:	Added the q-tag port to the VLAN first, and then enable DHCP Snooping against the VLAN.

PR	106781
Summary:	Not learning 16K macs across linkagg in chassis-distributed mode
Explanation:	Sometimes not learning max 16k macs across linkagg in chassis-distributed.
Workaround:	Do not use chassis-distributed mode with linkagg and many MACs.

PR	106783
Summary:	Fiber LED stays on with NO cable is connected.
Explanation:	If fiber combo ports, containing dual speed SFPs, of two OS6850-U24x units are connected back to back in Preferred-Fiber mode with no connection on corresponding copper ports then if you change the modes of these port in a sequence to Preferred-Copper first and then to Forced-Copper, the LEDs on those Fiber ports stay ON even though the link goes down. The LED's on fiber media are turned off once the copper side has a link.
Workaround:	Once the copper media gets a link the fiber media led is turned off.
PR	106790
Summary:	OSPFv2 route-map redistributing from Static RIB does not change Forwarding Address in LSA
Explanation:	Forwarding address of AS-External LSA (corresponding to gateway of redistributed route) is not updated when there is a change in the OSPF route to the forwarding address, due to deleting OSPF interface configuration.
Workaround:	1. Disable and Enable OSPF admin status after deleting OSPF interface configuration, if redistributed route's gateway was reachable on that OSPF subnet. 2. Disable and Enable IPRM route-map that redistributes routes into OSPF, after deletion of OSPF interface configuration.
PR	106811
Summary:	Show interface output should have different description for bidirectional/CWDM
Explanation:	Show interface slot/port "SFP/XFP" field output for a port having SFP plugged in cannot differentiate between 100Fx and Bidirectional SFP & between Gig and CWDM SFP.
PR	106812
Summary:	Need to add a action item for miniboot update for OS9700 and OS6850
Explanation:	The "update default miniboot" is still supported on the 6850 even though there is no default or backup miniboot on the 6850
Workaround:	This command will still cause the miniboot to be updated properly on the OS6850
PR	106826
Summary:	RIPng route is shown as Active though gateway's interface is Admin Disabled
Explanation:	In certain circumstances, the RIPng routing table (as shown by the "show ipv6 rip routes" CLI command) may display an inactive gateway for redistributed routes (i.e. routes redistributed "into" RIPng). In the RIPng routing table, the gateway shown is the gateway which was active when the route was originally redistributed into RIPng. If the original gateway becomes inactive at a time when other active gateways for the route exist, the RIPng routing table will not be updated to display the new gateway. As a result, the RIPng routing table may display a gateway which is not currently active even though the route is still active via other gateways. In the RIPng routing table, the gateway shown is the
Workaround:	The active gateway for all routes (redistributed and otherwise) is available in the IP route-manager routing table. Use the "show ipv6 router database" CLI command to display the IP route-manager routing table.
PR	106913
Summary:	stack mgr does not get superv msg in 10sec on stacking link during "show ip route"
Explanation:	On OS6800 and OS6850, exceeding 20K routes in the FIB can cause system instability, especially if they are all on the same vlan.
Workaround:	Reconfigure the switch such that the number of routes in the FIB does not exceed 20K.

PR	106914
Summary:	WebView system,system mgmt install file transfer fails with dual NIC environment.
Explanation:	In WebView System > System Mgmt > Install page, the file transfer fails in a dual NIC (Network Interface Card) environment.
Workaround:	Disable momentarily the network of the NIC not in use for the transfer and re-enable after the transfer.
PR	106919
Summary:	Attempting to globally enable/disable rmon probes through snmp gives "Index out of range" error.
Explanation:	It is not possible to disable all RMON probes with a single SNMP command.
Workaround:	When using SNMP, disable each probe individually.
PR	106931
Summary:	SNMP values in alalpNetToMediaTable return wrong data type.
Explanation:	Some objects in alalpNetToMediaTable return wrong data type (counter, instead of integer).
Workaround:	None.
PR	106941
Summary:	SNMP returns out of range chasTempRange value for non-primary slots.
Explanation:	Processing for CMM MIB variable chasTempRange not correct for non-primary slots.
Workaround:	None
PR	106942
Summary:	IP UDP relay stats are contained in DHCP (ip-helper) table instead of UDP service Stats Table
Explanation:	Statistic display of ip-helper (DHCP) and Generic UDP relay are mixed together, but the complete statistics information is present. Display issue only.
Workaround:	None
PR	106943
Summary:	SNMP should not return info for objects on alcatelIND1VRRP3MIB. VRRPv3 is not available.
Explanation:	For 6.1.3.R01 across all platforms: Due to a coding incompatibility standard SNMP managers will not be able to perform Get, GetNext, Test, or Set Operations on objects in the alaVrrp3AssolpAddrTable found in the proprietary AlcatelIND1VRRP3.mib.
Workaround:	For VRRPv2 the parameters controlled through these objects can be managed through the vrrpAssolpAddrTable in the IETF_VRRP.mib (RFC 2787), as well as through WebView and the CLI. For VRRPv3 the parameters controlled through these objects can be managed
PR	106975
Summary:	In "show hardware info" command, the flash manufacturer's name for WINTEK is displayed as CF 128MB
Explanation:	If a WINTEK compact flash is installed, WINTEK is not displayed when you use the show hardware info command.
Workaround:	None available

PR	106978
Summary:	[9700-POE] Lanpower configuration settings should NOT be saved after NI is removed
Explanation:	Currently PoE configurations are not deleted after a P24 blade is removed from OS-9600, 9700 and 9800 chassis. This is a known architectural flaw in the original PoE implementation.
Workaround:	If a P24 blade is to be permanently removed from a chassis then no action is necessary. If a P24 blade is removed and different blade is substituted and then at some later time a P24 blade is again placed in the same slot position. Either the original configurations for the P24 blade must be changed or deleted (this is the preferred method) or the configuration file may be edited (this should only be performed by an individual extremely familiar with configuration files and PoE configuration as the ENTIRE unit configuration may be changed, or damaged)
PR	107091
Summary:	Cannot create SLB cluster name with 23 characters
Explanation:	QoS currently will not accept names of 23 characters from SLB.
Workaround:	Use names of 22 characters or less
PR	107139
Summary:	without redundant stacking link higher slot ID come up as primary
Explanation:	In a stacked system, if the redundant cable is absent, the primary module could be one of the elements with a higher slot ID on a reboot of the system.
Workaround:	Use the stacking cables and provide complete redundancy.
PR	107228
Summary:	Globally clearing health stats is not working properly on slot 16.
Explanation:	In WebView Physical > Health > Port Statistics page after clearing statistics, the last port of the slot may display values other than zeroes.
Workaround:	Please ignore non-zero values. (Any non-zero values are still being cleared when the page is served)
PR	107231
Summary:	Traffic is leaked to mobile port with source MAC learned as filtering and no VPA.
Explanation:	- Consider a stack of 3 6850s. Slots 1 & 2 are 48 port 6850s. Slot 3 is a 24 port 6850. - Mobile port is 1/35 (Second Asic on Slot 1). Binding mobile rule. So a MAC violating is programmed as filtered. - Now, this filtered MAC is to be programmed on all s
Workaround:	None at this time.
PR	107232
Summary:	QoS Flush clears "ethertype" QoS condition although there is a SLB Cluster associated to it
Explanation:	If a condition is associated with an SLB cluster and a policy rule, it can be deleted in a flush.
Workaround:	Create separate conditions for SLB and policy rules.
PR	107276
Summary:	swlog output socket doesn't take the output socket number
Explanation:	Swlog does not allow the user to select the TCP destination port. By default, the fixed port of 514 is selected on both OmniVista and the AOS switch. On some setups, the OmniVista port needs to be changed and the switch can not send to this new port.
Workaround:	Use the default TCP port setting of OmniVista or set a third party syslog server to port 514.

PR	107283
Summary:	WebView displays the wrong port state when the supplicant fails authentication
Explanation:	When supplicant failed the authentication with the external authentication server and if user configured a "failed" vlan on the device classification policy then AOS is going to locally authenticate the supplicant. In cli the show command will show as authenticated-L to indicate that the supplicant failed by the external authentication server but is locally authenticated to be authorized into the user defined vlan. WebView is not showing this information and will only see as authenticated.
Workaround:	Look at which vlan the supplicant is authorized and that can tell if the supplicant learned on the user defined "failed" vlan.

PR	107284
Summary:	Port Based Network Access Control Home page do not display the non-supplicant users
Explanation:	Supplicant and non-supplicant are not displayed together on the same front page for 802.1x. Display issue only.
Workaround:	View the non-supplicants on a different page - 802.1x non supplicant page.

PR	107326
Summary:	disable/enable admin state on vlan 1 causes stp stuck at "block" mode on mobile port
Explanation:	When the admin state of vlan 1 is toggled between disable/enable, it is possible to have mobile ports stuck in blocking state.
Workaround:	If this condition occurs on the mobile port, the workaround is to admin down and up the mobile port.

PR	107353
Summary:	MemPartAlloc() errors are seen when 5K OSPFv3 LSAs are flooded into 9600 switch from Ixia
Explanation:	OSPFv3 will leak memory in either of the following two cases: 1. During SPF runs. 2. During adjacency formation.
Workaround:	This issue affects all platforms for this release (OS9XXX). There is no workaround that will eliminate this leak. However, its effect can be somewhat mitigated by trying to minimize the causal events (namely SPF calculations and new adjacency formations) between reboots.

PR	107490
Summary:	"slbCtrl" STR if cli slb display cmd gets executed on a non existing slb cluster name over 23 charct
Explanation:	If executing a "show ip slb cluster <clusterName>" cli command on a non-existing slb cluster name more than 23 characters long an "slbCtrl" STR is generated. No adverse issues are seen with the switch operation however.
Workaround:	None.

PR	107619
Summary:	Ni 1 becomes non primary in stacked 6850 after reload stack if Ni 1 is 6850 Lite.
Explanation:	In a stacked configuration with 6850 lite as one of the elements, with the rest of the elements being the regular 6850, on a reboot of the system, unit # 1 may not always come up as the primary.
Workaround:	None.

PR	107693
Summary:	When 32K ARP Requests are sent in from Ixia interface, only 16K are shown on CMM
PR	90297
Summary:	CST Root convergence in 802.1S takes long or never converges
Explanation:	CST Root convergence in 802.1s may be slow due to the circulation of old 'good' spanning tree vectors in the network when a root switch is powered off
Workaround:	1. Use single MSTP region as much as possible 2. Tune the performance parameters maxAge and hop count to optimal values for the network.
PR	92763
Summary:	Not recommended to change "router-id" during production due to Net-LSA will be flushed
Explanation:	The netLSA with the previous rtrld will be flushed (if these netLSA lSIDs equal one of the router's OSPF interface addresses) and a new netLSA generated with the new rtrld. AOS OSPF is behaving correctly in this scenario (allowing for OSPF convergence time).
	If we were to disallow changing rtrld on the fly, it would be a non-conformance of the RFC. See "in some rare cases where a router ID may change".
	Changing rtrld on the fly needs to be supported, and AOS OSPF is able to handle it. Also, considering that it is a rare case where the rtrld will actually be changed on the fly (most operators would prefer to disable OSPF, as well as any other protocols like BGP and RIP, before changing rtrld).
PR	94083
Summary:	Destination port/port group rules fail in routing environment - issue tracking PR
Explanation:	Policies which specify a destination slot/port or destination port group will not be applied to traffic which is routed by the switch; these policies will match only bridged traffic.
Workaround:	There is no workaround.
PR	94125
Summary:	OS9000 and OS6850 does not allow L3 traffic classification with dest port/vlan/mac information.
Explanation:	The OS9000 and OS6850 hardware does not support QoS or ACL rules containing destination port, destination VLAN, or destination MAC on traffic that is routed by the OS9000 or OS6850.
Workaround:	There is no workaround.
PR	94134
Summary:	Cli group mobility display port range command displays the info for the first mobile port only
Explanation:	Display of mobile ports by using the cli port range command shows only the information about the first port in the range.
Workaround:	The current CLI output for mobile ports is line based, which does not allow for a practical output of the port range. Cli command to display the mobile port should not use port range in the command.
PR	94404
Summary:	Boot up with 7700 cmm in slot A and 9700 cmm in slot B; 7700 cmm is not up correctly.
Explanation:	Mixed 7700/9700i CMMs in any chassis is not supported.
Workaround:	None

PR	95526
Summary:	CRC frame errors after disabling/enabling 10gig port while running continuous traffic.
Explanation:	If the admin status of the physical interface is toggled while sending high rates of traffic on the 10G interface, some CRC errors are reported on the host connected to the interface.
Workaround:	NONE.
PR	96061
Summary:	reply src adr must be unicast adr belonging to the i/f on which the anycast pkt was received
Explanation:	Our IPv6 implementation does not follow ICMPv6 RFC 2463 section 2.2 Message Source Address Determination in regard to anycast addresses. Instead IPv6 uses any unicast address configured on the switch.
Workaround:	RFC 2463 has been superseded by RFC 4443. The section describing a special process for selecting the source address for an ICMPv6 message sent in response to an anycast packet has been removed. Source addresses in such cases are now chosen using the same procedure as for all other packets. Our implementation is compliant with RFC 4443.
PR	96146
Summary:	Amap with multiple XOS devices connected to 9700. The last connect shows up as a 9800.
Explanation:	Using AOS WebView to view XOS adjacencies with multiple (3 or more) XOS devices connected will return unknown devices with build 4.4.4.188.B or greater which is correct behavior. With earlier builds the XOS could be returned as an AOS device.
PR	96358
Summary:	9700's w "dvmrpRecvProbe, Looping back our probes" upon ni power down/up
Explanation:	During a spanning tree reconvergence triggered by link up/down or board power up/down, the dvmrp subsystem may print the following error message: "dvmrpRecvProbe, Looping back our probes". This happens only if the spanning tree protocol selected is RSTP
Workaround:	The error message should be ignored.
PR	96584
Summary:	Reload primary or reload causes the control and fabric LED to reset.
Explanation:	During the reload, the fabric LED was turned off and on. No any effect on the switch.
Workaround:	None
PR	97666
Summary:	Anvl TCP-C 3.3 - Received TCP packet does not have RST flag set Did not receive proper RST response
Explanation:	TCP doesn't send a RST after receiving an unacceptable ACK in SYN-RCVD state.
Workaround:	None.
PR	97670
Summary:	Sometimes CMM and NI are not in sync causing CMM not to show number of lrnd mac addresses properly
Explanation:	When the source learning mode is changed, sometimes the number of MACs learnt may not be displayed accurately although all the MACs are actually learnt.
Workaround:	The display count should catch up after one aging time has elapsed

PR	98371
Summary:	GM mac-ip-port binding. No mac movement on non-matching mobile port.
Explanation:	When a MAC is learnt as "Filtered" for one port due to a Group Mobility rule violation, and if the MAC reappears on another port, it will not be updated. That is the MAC will not be shown as filtered for the new port, but will continue to show filtered in the old port.
Workaround:	There is no workaround
PR	100262
Summary:	SNMP "alaDot1xPortStates" doesn't return proper value for failed supplicant
Explanation:	When supplicant failed authentication from the authentication server and the Device Classification Policy has defined a user configurable vlan for the failed supplicant the Port State on the cli will show Authenticated-L to indicate that the supplicant is locally authenticated to a user configurable vlan. SNMP mib object alaDot1xPortState is defined by IEEE and does not have this state defined.
Workaround:	None.
PR	100435
Summary:	Mobile port Binding is shown in Binding Table but port is not shown in Port Table
Explanation:	A Mobile Port with incoming DHCP traffic is able to have a DHCP Binding created for it but is not shown in the Port Table.
Workaround:	There is known workaround for this issue with build 6.12.R03 on a 6800 or a 6850 switch.
PR	100607
Summary:	WebView security add server select user window comes up after server is applied.
Explanation:	Netscape in WebView > Security > Servers, whenever adding a new server a window may appear asking for user name selection.
Workaround:	Close the window and ignore. This window shown is not a WebView pop-up window but a Netscape Form Manager window -- perhaps triggered by the "Server Name" label in the server add windows and being treated as if it was a regular form asking for a user name.
PR	100825
Summary:	Users are able to pass L2 traffic after cmm is removed.
Explanation:	Even if both CMMs are removed from the chassis, Layer 2 local (local to a NI) traffic, whose MACs are already learnt, is switched.
Workaround:	Insert at least one CMM which will reset all the NIs in the chassis.
PR	100932
Summary:	Mac's get learn on fixed port after leaving link agg on aggregate default vlan
Explanation:	Removing the last member port of a linkAggr while traffic is running can result in MAC addresses learned on that port in the default vlan of the linkAggr.
Workaround:	Stop the traffic or link down/up the port after removing it from the linkAggr.
PR	101214
Summary:	TCNs are rx on a root bridge when IXIA 10G port links are flapped.
Explanation:	Toggleing the edge port the very first time after boot-up may cause a TCN to occur in the STP (1d) network.
Workaround:	Configure the port as an edge port instead of an autoEdge port or configure the switch to run in RSTP (1w) protocol.

PR **101223**
Summary: policy rules configured with log in a boot.cfg from 5.3.1 release are not created on boot-up
Explanation: On the 6800, if a policy rule specifies the keyword "log" or "log interval", then the policy is rejected.
Workaround: Logging is not supported by the 6800. There keyword "log" and "log interval" has to be removed from the policy rule definition.

PR **102501**
Summary: Once DRC application loading is added to config file, no way to remove it except manually.
Explanation: Currently there is no support for an "ip unload" command. This can be a problem for customers who have loaded a DRC loadable module and executed a "write memory" command to update the boot.cfg file, but then decide they want the module permanently removed (i.e. both disabled and freed).
Workaround: To permanently disable a module, execute the module's "disable" command followed by another "write memory" command and a reboot. To also free up any memory possibly used by the disabled module, edit the boot.cfg file using the "vi" command to delete the "ip load <module>" command along with any non-default configuration lines associated with the module.

PR **102958**
Summary: Priority Map and tagged from UNI to NNI port doesn't work
Explanation: Setting svlan priority using "vlan svlan priority" command may not work properly.
Workaround: Use QoS command to trust all VLAN Stacking ports and use QoS policy to configure svlan priority.

PR **103324**
Summary: Supplicant port is not getting blocked (even after init. a port) after modifying the supplic. policy
Explanation: The problem happens when dynamically changing classification policy plus IP net rule is configured. PC will not change the IP address automatically and even if supplicant client is running that can automatically do the ipconfigure release and renew. Depending on what traffic is running some packet may satisfy the IP net rule and supplicant will be classified according to the IP net rule.
Workaround: This is not a bug, user has to be aware that when IP net rule is configured and when dynamically changing the classification policy that as group mobility as one of the classification option, traffic from supplicant may still have the old IP address on the vlan that the supplicant was classified before the policy is changed. The IP net rule will cause the client to be learned on the vlan that it was previously learned on. E.g. supplicant is learned on vlan x and has an IP address with vlan x's subnet. There is also an IP net rule for vlan x's IP to be classified on vlan x. When user dynamically change the classification policy, the supplicant may still be learned on vlan x because the PC has traffic coming out with vlan x's subnet and thus device classification task will classify the supplicant on vlan x again.

PR **103524**
Summary: With large number(185+) of redistrib-filters in cfg, deleted route-maps are restored, if BGP is toggled
Explanation: If there are more than 185 BGP redistribution filters configured in a boot.cfg file from an earlier release, they are not consistently translated into IPRM route-maps that handle the redistribution.
Workaround: Do not attempt to restore more than 185 redistribution filters from a boot.cfg file generated from an earlier release.

PR	103625
Summary:	K2 Console hung after disconnect stacking cable w/msg "VMN: connect() failed (61), retrying"
Explanation:	Pulling all the cable simultaneously on stack of 8, causes problem.
Workaround:	When pulling the cable, the system will start its topology change. Pull the cable one by one during the topology change will lose the topology information. Try to pull the cable slowly to avoid this problem.
PR	104078
Summary:	WebView does not give the option to view the OSPF3 routes table like it does for OSPF
Explanation:	The route table in OSPFv3 cannot be retrieved via SNMP. There is no support for retrieving the OSPFv3 route table in the official IETF draft MIB for OSPFv3. Displaying the OSPFv3 border router table is also not supported in the IETF draft MIB. This affects all hardware platforms that support OSPFv3.
Workaround:	The CLI can display the routing table (show ipv6 OSPF routes) and border router table (show ipv6 OSPF border-routers) for OSPFv3.
PR	105079
Summary:	Link on fix copper on combo port bounce if any sfp insert/extract on same port.
Explanation:	On combo copper ports the link will toggle once when the SFP is plugged in the corresponding fiber cage.
Workaround:	None.
PR	105080
Summary:	Copper SFP not supported on combo port on 6800, 6850 & 6850 U24
Explanation:	If Gig copper SFP is plugged in a combo port then those combo ports can be used in either preferred-copper or forced mode only. Preferred-fiber mode is not supported. In forced mode, Copper combo port can be used by setting the mode to forced-copper, and to use the Gig copper SFP the mode should be set to forced-fiber.
PR	105380
Summary:	OS6800 (BCM5695) copy pks to CPU if there is no arp entry for dest IP or next hop with policy drop
Explanation:	If there is no arp entry for the destination, routed traffic matching a drop policy, gets dropped in software by the CPU instead of being dropped by the hardware.
Workaround:	There is no workaround.
PR	105493
Summary:	Disable/enable flat stp on vlan 1 does not reenable spanning tree
Explanation:	Enabling Spanning Tree in flat mode after disabling does not work when vlan 1 is disabled
Workaround:	If you run Spanning Tree in flat mode when vlan 1 is disable, the command "vlan 1 stp enable" is not enough to re-enable spanning tree after you disable it The workaround is the enable vlan 1, enable stp and disable vlan 1
	Step1: disable Spanning Tree -> vlan 1 stp disable
	Step 2: Re-enable Spanning Tree -> vlan 1 enable -> vlan 1 stp enable -> vlan 1 disable

PR	105496
Summary:	Rule logging not working anymore; matching packets not logged in "show QoS log"
Explanation:	Rules that match multicast traffic don't get logged properly.
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PR	105700
Summary:	No flow statistics for SLB
Explanation:	For SLB clusters, there are no statistics or flow distribution metrics on a server basis. The only statistic we have is number of packets passed to a cluster.
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PR	105764
Summary:	Unable to create SLB clusters based on QoS policy conditions from build 6.1.3.571_R01
Explanation:	Due to the method QoS handles condition groups (network, services, etc.), the flushing of conditions was corrupting the linkages between the condition and the groups. The condition remained attached to the SLB cluster. However, the group pointers in the condition were invalid. Because of this, the group parameters were restricted and will be implemented in a later release.
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PR	105770
Summary:	OSPFv3 adjacency formation is not started on a 6to4 tunnel interface
Explanation:	Point-to-point interfaces are not supported in OSPFv3 at this time; therefore, 6to4 tunnels cannot be used with OSPFv3.
Workaround:	No workaround at this time.
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PR	105847
Summary:	U24X w/default config; traffic didn't xfr fm cu pt to fiber pt after insert fiber SFP (HFBR-57E0PZ)
Explanation:	On OS6850-U24x board combo ports with default media preference i.e. Preferred-Fiber and with 100M Fiber SFP (Avago HFBR-57E0PZ), the link on fiber combo ports doesn't come up if copper cable is plugged in the corresponding copper ports and the copper link is UP.
Workaround:	On OS6850-U24x board combo ports, 100M Fiber SFP (Avago HFBR-57E0PZ) can get a link with fiber cable in Forced-Fiber mode only.
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PR	105893
Summary:	Ping6 to Local IPv6 interface succeeds though the vlan device is disabled
Explanation:	A ping6 initiated on the switch to one of its own addresses will succeed, even if the interface on which the address is configured is disabled or inactive.
Workaround:	None.
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PR	106041
Summary:	Cu LED stays on when change U24X combo port status from PF to FF w/ only Cu link is up.
Explanation:	On OS6850-U24x combo ports if two OS6850-U24x boxes are connected back to back in Preferred-Fiber mode with copper cable on copper combo ports and no cable on corresponding fiber ports then if the mode of those ports is changed to Force-Fiber mode then LEDs of copper ports stay ON even though the link on those copper ports go down. The LED's on copper media are turned off once the fiber side has a link.
Workaround:	Once the fiber media gets a link the copper media led is turned off.

PR	106065
Summary:	Add SNMP, WebView to CLI command needed to load PowerDsine firmware
Explanation:	During the execution of the "update lanpower all " command, it is possible that the update of an individual port on the OS-9800 may fail with a message similar to the following example for slot 14: FRI OCT 06 11:51:55 : LANPOWER (108) info message: +++ Shutting down daughter module in slot 14! call failed: RPC: Success PD63000 Programming Failed Slot #14!!!
Workaround:	Execute a lanpower update for the specific slot which failed.
PR	106213
Summary:	on application of snapshot with OSPF3, get "system busy" & area is not created
Explanation:	When using "configuration apply" to apply routing configuration to a system that has completed its boot up, parts of the configuration may fail with a "system busy" error.
Workaround:	1) Ensure that the protocol is manually loaded prior to applying the configuration file. For example: > ipv6 load ospf > configuration apply ospf3.asc.1 2) (Optional) After configuring the protocol, use a "write memory" to commit the changes to the boot up configuration file.
PR	106343
Summary:	ipmc source on 6800 with high data rate will trigger high cpu when rp is on a remote switch
Explanation:	High multicast traffic rate on a 6800 running PIM-SM, where the RP is on a remote switch, may cause high cpu utilization on the 6800. This is due to the packets being PIM register-encapsulated which are software routed. The high data rate is causing the Register Stop packets to be dropped. Once the Register Stop packets are received, the register-encapsulation will stop and native forwarding will take over.
Workaround:	Avoid register-encapsulation by configuring the RP to be on the same switch as the source.
PR	106462
Summary:	CMM displays more than 16K macs in source learning synchronized mode
Explanation:	Under the following conditions, the cmm displays more than 16K mac address: When the switch has less than 16K mac address learned and the 2 more slots receive data with mac addresses simultaneously that lead to more than 16K mac on the switch, the cmm displays all the mac's learned on each ni.
Workaround:	None.
PR	106869
Summary:	WebView does not allow for creation of more than 62 VLAN or SVLANs through range command
Explanation:	In WebView > Layer 2 > VLAN Mgmt > VLANs Add page, an error message appears whenever user enters VLAN ranges to be created that include more than 63 VLANs at once.
Workaround:	Break desired VLAN range to create into smaller ranges (63 or less). (Note: This configuration setting limit occurs all throughout WebView.)

PR	106976
Summary:	AVLAN Client Authentication Failure when ip-source-filter is enabled
Explanation:	When DHCP Snooping's IP Source Filtering is enabled on the Authenticated VLAN port, the authentication (via Telnet or HTTP) will fail.
Workaround:	Can not enable IP Source Filtering on AVLAN ports, since IP Source Filtering (work as expected) is blocking the IP traffic.
PR	107085
Summary:	Tacacs+ scp-sftp accounting shows user IP as 0.0.0.0
Explanation:	Accounting log for scp-sftp displays user IP address as 0.0.0.0
PR	107086
Summary:	Tacacs+: After initial authentication/authorization, scp-sftp cmds not queried for authorization
Explanation:	User with readwrite-scp-sftp privileges is initially queried for authentication and authorization. After login to the scp/sftp shell, only accounting requests are sent to tacacs+ server (if enabled), cmds are not queried for authorization.
PR	107190
Summary:	SLB should not accept out of range value of the "ping period"
Explanation:	SLB will return an error if the configured ping period is out of range. However, the ping period will still be updated.
Workaround:	Change the ping period to a correct value.
PR	107287
Summary:	[K2-POE] During update lanpower might see Unable to Read S19 or Unable to Read BOOT_SECTION response
Explanation:	During "update lanpower all" on a stack of 8 6850-POE, you might see the following error message:
	THU OCT 12 14:06:27 : LANPOWER (108) error message: +++ Unable to Read S19 Response! Reset Daughter Module! Done
	THU OCT 12 14:48:59 : LANPOWER (108) error message: +++ Unable to Read BOOT_SECTION_RESPONSE Response! +++ General Programming Error!
Workaround:	The workaround is you do a "lanpower start" on the NI which failed the firmware update. Once lanpower failed to start which is expected, you then try to "update lanpower <slot>" again on that specific NI and that should work.
PR	107462
Summary:	sFlow datagrams are not sent out EMP port
Explanation:	Sflow Datagrams do not use EMP port in 9600 for IPV4 packets.
Workaround:	None. Use the ports on the slots.

PR **113342**
 Summary: Memory leak in "health" task on AOS 6.1.3.776.R01
 Explanation: There is 256 byte memory leak by health monitor taskMemory in AOS 6.1.3.776.R01
 Workaround: This problem has been fixed in 613-R01-781.

The following flag can be set in dshell to stop this leak:

```
dshell --> hmonIpcMonitoring = 0
```

PR **118276**
 Summary: Login issues(primary and sec CMM) on OS9700 running 6.1.3.838R01

PR **119441**
 Summary: Group mobility is not classifying frame type correctly
 Explanation: 120749
 Workaround: If IP packets also could come in the same port add separate IP subnet rule. This would solve this issue.

PR **119582**
 Summary: Cannot configure system name of more than 19 characters.
 Explanation: Cannot configure system name of more than 19 characters. CLI Manual (6.1.3R01) mentions system name, location & contact can range from 1 to 254 characters in length.
 Workaround: This is system limitation.
 None

PR **120109**
 Summary: CMM crashed due to exception in STP task
 Explanation: Check added to avoid crash during SNMP walk on STP tables.

PR **122439**
 Summary: Recommend flash clean comment need to be adjusted.
 Explanation: The "show system" command will recommend to cleanup the flash because there is little space remaining after the installation. This message is informational only.

PR **123219**
 Summary: Pim redundancy is not working properly when shutting down BSR and RP
 Explanation: Update IGMP information on RP rehash
