



Intermediate Release Notes

Omni Switch 10K/6900

Release 7.3.1.780.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 any question or concern please contact Alcatel's Technical Support Department.

Problems Fixed Between Builds 633 and 645	2
Problems Fixed Between Builds 646 and 682	3
Problems Fixed Between Builds 683 and 748	6
Problems Fixed Between Builds 749 and 771	11
Problems Fixed Between Builds 772 and 780	13
Under Verification:	14
Known Issues:	16
New Software Features:	17

Problems Fixed Between Builds 633 and 645

PR	176659	Build: 7.3.1.635.R01
Summary:	Remote command-log shows disabled even after enabling it.	
Explanation:	Code update to correctly display the remote command-log status	
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PR	176553	Build: 7.3.1.638.R01
Summary:	Error in swlogs ChassisSupervisor niMgr alert(3) Incompatible expansion module and dump files genera	
Explanation:	Code updated to check chassisID	
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PR	177354	Build: 7.3.1.642.R01
Summary:	OS6900 Sflow not working with 7.3.1 code, works fine with 7.2.1.R02. Sflow UDP packet shows source port as 0	
Explanation:	Use the same UDP source port 1027 when sending sflow packets	
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PR	176903	Build: 7.3.1.642.R01
Summary:	Default route with subnet /24 accepted by switch for EMP network.	
Explanation:	Code updated to check for illegal EMP gateway	
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PR	176941	Build: 7.3.1.643.R01
Summary:	inconsistent issues with qos policies in OS6900 and error is "Out of TCAM processors on 0/1(0)".	
Explanation:	Code updated to check for proper flags when configuring policy rules	
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PR	176980	Build: 7.3.1.643.R01
Summary:	ERP state in pending with blocked ports on non-RPL node.	
Explanation:	Code updated to perform aggregate ID check on port join	
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PR	173232	Build: 7.3.1.644.R01
Summary:	LLDP: lldp local-management-address is using other interface instead of Loopback0	
Explanation:	Code updated to store the correct IP interface index	

Problems Fixed Between Builds 646 and 682

PR **177492** Build: 7.3.1.646.R01
 Summary: OS 6900 Need to confirm whether disable the NFS to protect according to Vulnerability report.
 Explanation: Code updated to use iptables to block external access to sunrpc and nfsd

PR **177261** Build: 7.3.1.648.R01
 Summary: Shared memory sync messages seen every 10 seconds
 Explanation: Changed swlog level to Debug3

PR **177623** Build: 7.3.1.648.R01
 Summary: unp classification does not work on unp access port
 Explanation: Software updated to prevent changing default VLAN to 4095 for UNP Access Port.

PR **177274** Build: 7.3.1.650.R01
 Summary: CMM-B and NIs showing as DOWN after upgrading from 7.3.1.519.R01 to 7.3.1.632.R01 in OS10K.
 Explanation: Fixed software issue causing the NI's to not come up when timezone is set to Korean Standard Time(UTC+9).

PR **177686** Build: 7.3.1.651.R01
 Summary: Reference to PR# 176980. Connectivity issue between MC-LAG peers for newly created VLANs.
 Explanation: ERP software updated to address connectivity issues between MC-LAG peers and newly created VLANs.

PR **177631** Build: 7.3.1.651.R01
 Summary: BGP: OS6900 crash after disabling the aspath lists and do "ip bgp neighbor 194.44.88.251 clear soft"
 Explanation: Changing the ebgp routes from inactive to active by enabling/disabling an aspath list no longer causes the switch to crash.

PR **177511** Build: 7.3.1.653.R01
 Summary: Slave chassis kept rebooting and cannot join back to the VC
 Explanation: Software updated to address NFS timeout issues causing slave chassis to reboot.

PR	177618	Build: 7.3.1.655.R01
Summary:	OS6900 uboot information not seen with show hardware-info	
Explanation:	Code updated to display the proper uboot information	
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PR	177812	Build: 7.3.1.657.R01
Summary:	BGP aspath-list filters do not work	
Explanation:	Changing aspath priorities are now updated correctly in the routing table.	
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PR	177481	Build: 7.3.1.659.R01
Summary:	We are having the issue with NTP synchronization in OS10K	
Explanation:	NTP now correctly synchronizes.	
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PR	177986	Build: 7.3.1.662.R01
Summary:	BPDUs from OS10K-VC are not tunneled across the PBB network	
Explanation:	BPDUs from OS10K-VC are now correctly tunneled across the PBB network preventing a layer 2 loop.	
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PR	175856	Build: 7.3.1.663.R01
Summary:	Removing already configured static linkagg and port associated to it, stops source learning on those ports	
Explanation:	Source learning is no longer stopped when removing ports from a static link agg.	
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PR	177953	Build: 7.3.1.663.R01
Summary:	ip-helper DHCP/UDP relay issue in a MC-LAG environment	
Explanation:	DHCP server packets are no longer dropped by the directly connected OS10K having the MC-LAG primary port.	
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PR	178117	Build: 7.3.1.664.R01
Summary:	Power supply working but not displayed on CLI for chassis1 of the VC.	
Explanation:	Software updated to properly display power supply for chassis 1.	
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PR	178279	Build: 7.3.1.666.R01
Summary:	OS 6900 -X20 switch with 7.3.1.R01 the message linkAggCmm main info(5) mip_msg_queueing NO 1 error s	
Explanation:	Code updated to clean up the logs	
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PR	178215	Build: 7.3.1.667.R01
Summary:	OS6900 - SPB SAP not working properly over VC	
Explanation:	ARP requests are now properly flooded out on the local SAP.	
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PR	178419	Build: 7.3.1.669.R01
Summary:	OS6900 switch running 7.3.1.645.R01, system name changing to default after a	

reboot.

Explanation: Software updated to properly check quotes on system name string.

PR **178288** Build: 7.3.1.669.R01

Summary: OS10K - STP BLK linkagg does not transition from BLK/BACK to FWD/DESG state

Explanation: When the primary lag is down, the redundant LAG now properly transitions from BLK/BACK to FWD/DESG state.

PR **178301** Build: 7.3.1.670.R01

Summary: OS6900 LACP linkagg issue during ISSU

Explanation: Software updated to improving timing during ISSU upgrade.

PR **178115** Build: 7.3.1.671.R01

Summary: Tx Lost frame is kept incrementing on SPB interface

Explanation: Software updated to fix MAC ping over SPB interface issue.

PR **177697** Build: 7.3.1.676.R01

Summary: Unable to ping the ip interface configured on switch from directly connected client on same subnet.

Explanation: Software updated so that IP interface properly responds.

PR **179291** Build: 7.3.1.678.R01

Summary: OS10K - VRRP issue over SPB network

Explanation: VRRP synchronization now occurs when a slave joins an existing VC.

PR **175013** Build: 7.3.1.679.R01

Summary: An error message is displayed upon configuring more than one multi-chassis linkagg after a takeover

Explanation: Error message is no longer displayed.

PR **179173** Build: 7.3.1.680.R01

Summary: Customer informed there's a 10mins wait time before VC status is ready after switch upgrade.

Explanation: Software updated to improve the restoring of connections after an upgrade.

PR **177706** Build: 7.3.1.681.R01

Summary: Source Learning calling bcm_l2_addr_thaw() leading to assertion failure

Explanation: Source learning software updated to prevent assertion failure.

Problems Fixed Between Builds 683 and 748

PR	177567	Build: 7.3.1.683.R01
Summary:	Configuration missing after code upgrade	
Explanation:	Use sync mode to ensure VLAN manager does not lose messages.	
PR	177811	Build: 7.3.1.685.R01
Summary:	Multiple crash with kernel errors on log.	
Explanation:	Add spinlock pre-empt protection around call to set_task_cpu()	
PR	179652	Build: 7.3.1.689.R01
Summary:	In Webview of OS6900 showing type unknow (9) for unPtag port on VLAN members.	
Explanation:	Added support for missing enumeration mappings just added to the mib for vlan types and vpa type	
PR	180352	Build: 7.3.1.691.R01
Summary:	OS6900 virtual chassis display issue in show fan	
Explanation:	Modified code to display fan airflow with status.	
PR	180086	Build: 7.3.1.694.R01
Summary:	VLANs still exists after deleting it from OS10K MC-LAG	
Explanation:	Add bounds check before accessing shared memory array	
PR	180809	Build: 7.3.1.695.R01
Summary:	Authentication Tab missing in OmniSwitch Webview	
Explanation:	WebView Sec > ASA, re-introduced missing Authenticated Switch Access configuration page	
PR	180397	Build: 7.3.1.697.R01
Summary:	In OS6900 VC setup we are getting continuous error message in swlog	
Explanation:	Change log level in pmShmDbGetEntry from ERROR to DBG1 so that log does not get filled will error messages when doing a mibwalk on dot1dBasePort	
PR	180678	Build: 7.3.1.698.R01
Summary:	We are facing the issue with OS10K as unable to clear the swlogs and not logging new events.	
Explanation:	Fix setting in nfs configure file for x86_sim	
PR	180816	Build: 7.3.1.698.R01

Summary: Telnet using DNS name thorws error message "This is not an authorized host"

Explanation: Added link in jail directory, /vroot/etc to /etc/resolv.conf to resolve host name

PR **180376** Build: 7.3.1.700.R01

Summary: Loopback0 Ip address not able to ping with OS 6900

Explanation: Skip Loopback0 when looking for an interface to attach an arp to

PR **181083** Build: 7.3.1.703.R01

Summary: ip6nid library(portmgrlibni) error(2) Message seen in logs

Explanation: Verify type of gport passed to ip6ni_laggGportGet before calling pmApiGetPPInfo

PR **180706** Build: 7.3.1.703.R01

Summary: Issue with sflow agent ip and VIP interface having same IP, sflow packets not generating.

Explanation: Change to allow assignment of configured agent IP to sflow source IP packets

PR **181188** Build: 7.3.1.705.R01

Summary: MSTI configuration is not displayed on OS6900 VC setup

Explanation: Proper MIP_OVERFLOW handling during msti vlan snapshot display

PR **181193** Build: 7.3.1.706.R01

Summary: OS6900 Unable to do write memory error " Application snapshot appears to be looping. Terminating AP

Explanation: Code upgraded to properly update the port Index in case of MIP overflow

PR **181194** Build: 7.3.1.711.R01

Summary: Port monitoring not working with Virtual Chassis

Explanation: Allow showing of monitor file on slave primary

PR **180911** Build: 7.3.1.713.R01

Summary: Switch crashed when smnp set with 40 characters

Explanation: Subagent shouldn't null terminate string in net-smnp memory (no allocated space for null, steps on next element in structure)

PR **181423** Build: 7.3.1.714.R01

Summary: ERROR: ESM: Slot/Port out of range <101041>

Explanation: Added support to update port manager db on master chassis if expansion module inserted on slave chassis

PR **181197** Build: 7.3.1.715.R01

Summary: redistributing of OSPF routes stopped after the crash

Explanation: Protect backup static route list on deletions also

PR	181044	Build: 7.3.1.717.R01
Summary:	MAC-learning disabled on config not taking effect.	
Explanation:	mac-learning disable commands handling for linkagg handle link agg. and static ports for mac-learning disable commands	

PR	177661	Build: 7.3.1.717.R01
Summary:	MIBWALK on Q-BRIDGE-MIB::dot1qTpFdbPort.1 fails	
Explanation:	MIB walk no longer fails.	

PR	181648	Build: 7.3.1.718.R01
Summary:	SPB issue: Devices are unable to access remote site if they have more than 2 SPB hops in between	
Explanation:	No need to validate ifindex for internal generated message	

PR	181612	Build: 7.3.1.719.R01
Summary:	Frequently logs generated after Virtual chassis.	
Explanation:	Added Validation checks for MC-Vfl & Vc-Vfl	

PR	181269	Build: 7.3.1.722.R01
Summary:	Both VC are in Master status after upgrade to 7.3.1.706R01: analysis required	
Explanation:	Ignore multicast mac from bulk delete	

PR	181880	Build: 7.3.1.726.R01
Summary:	VC - reload not possible after changing system date	
Explanation:	Restart NFS server on date/time/timezone change	

PR	182072	Build: 7.3.1.729.R01
Summary:	10K VC - SLB issue after VC rebooted	
Explanation:	Ensure correct time value is used.	

PR	181993	Build: 7.3.1.730.R01
Summary:	MC-LAG redundancy issue when multi-chassis secondary goes down	
Explanation:	No Need to sync router macs to remote chassis in MC-LAG.	

PR	182182	Build: 7.3.1.731.R01
Summary:	Illegal static routes allowed in OS6900 ip static-route 10.64.472.0/24 gateway 10.40.1.120	
Explanation:	Correct address and mask checking for static route.	

PR	182383	Build: 7.3.1.735.R01
Summary:	OS6900 - BPDU not properly tunneled through SAP ports; STP loop seen after ISSU upgrade to 7.3.1.730	
Explanation:	Add placeholder vport to LAG ports so IPMS does not miss information when member	

ports aren't present.

PR	182258	Build: 7.3.1.737.R01
Summary:	After reload of OS6900 VC setup ldap configuration is missing	
Explanation:	Propagate correct parameters for ldap-server option, hash-key.	
PR	181297	Build: 7.3.1.739.R01
Summary:	Unable to issue "show configuration snapshot" and "write memory".	
Explanation:	Code updated to prevent buffer overflows	
PR	179374	Build: 7.3.1.741.R01
Summary:	7.3.1.R01: wrong show command does not return error message	
Explanation:	Added check for NI available	
PR	182317	Build: 7.3.1.744.R01
Summary:	udpRelayCmmd library(plApi) error	
Explanation:	udpRelayCmmd library(plApi) error: Check if the gport is a remote gport before calling port library APIs, since plApi's does not validate remote gport.	
PR	182641	Build: 7.3.1.744.R01
Summary:	OS10K 40G ping lost through out the switch after upgrade from 7.2.1.354.R02 to 7.3.2.344.R01	
Explanation:	set flag=1 to BCD for arp-usage-request while refreshing, 0 otherwise.	
PR	182528	Build: 7.3.1.744.R01
Summary:	MAC address collisions	
Explanation:	Callbacks routines were incorporated for MAC address collisions.	
PR	182933	Build: 7.3.1.746.R01
Summary:	10K VC - SLB percent availability display issue after NTP server reconfigured	
Explanation:	Adjust percentage calculation. Include time from beginning till present. Use gettime of monotonic clock. Change max weight from 64 to 32.	
PR	181393	Build: 7.3.1.709.R01
Summary:	OS6900: arp is not deleted when an MCLAG linkagg port is admin-status disable	
Explanation:	Vlan Manger filter - VM_PORT_STATE Event update issue fixed	
PR	181645	Build: 7.3.1.720.R01
Summary:	RADIUS Authentication issues with OS10K wu	
Explanation:	Use correct message len for Accounting	
PR	181453	Build: 7.3.1.711.R01

Summary: switch getting healthModuleMemory1MinAvg
Explanation: Expand MIB index range on health MIB

PR **180262** Build: 7.3.1.691.R01

Summary: Unable to configure the NTP server using ntp's DNS Name
Explanation: Resolve the hostname passed via the NTP server command,by changing the gethostbyname calls with calls to getaddrinfo

PR **181043** Build: 7.3.1.724.R01

Summary: Not all the LACP ports seen during MIB walk.
Explanation: For the first GetNext check inOidNum, not just inOidL as it may not be cleared correctly

PR **182286** Build: 7.3.1.733.R01

Summary: OS 6900 issue with policy based port mirroring in virtual chassis setup.
Explanation: Added checks for source ports, array sizes, and proper destination for QoS enabled ports.

PR **178366** Build: 7.3.1.699.R01

Summary: MCLAG/VFL link not passing traffic until primary link is admin down
Explanation: Use FP rules to trap LoopDetect PDUs to CPU; Use SequenceNum in PDU to avoid duplicate processing

Problems Fixed Between Builds 749 and 771

PR	182814	Build: 7.3.1.750.R01
Summary:	DNS is not working on OS6900	
Explanation:	Fix done to propagate DNS query from slave chassis to Master chassis in VC for proper DNS functionality.	
PR	183899	Build: 7.3.1.753.R01
Summary:	Swlogs filled with error message VlanMgrNi main error(2) and slave chassis filled with message bcmd	
Explanation:	Proper handling of corrupted STP BPDU packets without crashing the process.	
PR	184043	Build: 7.3.1.755.R01
Summary:	Two OS6900-virtual chassis connected via static linkagg learning MAC-address in wrong ports running A	
Explanation:	Debug additions were added in LinkAgg to capture the failure port.	
PR	184070	Build: 7.3.1.756.R01
Summary:	System Timezone for South Africa or Disabling DST	
Explanation:	South Africa Timezone has been included in the switch timezone database.	
PR	183828	Build: 7.3.1.760.R01
Summary:	Link Quality shows as Poor in "show interfaces" output	
Explanation:	The hardware settings were updated to show the correct link quality.	
PR	185452	Build: 7.3.1.762.R01
Summary:	10K-VC is not displaying correct STP states on uplinks, creating a network loop	
Explanation:	Code updated to properly handle the socket connection on a takeover	
PR	186204	Build: 7.3.1.764.R01
Summary:	10K & 6900 - SPB connectivity issue in vlan 1 after VC takeover	
Explanation:	Code updated to properly handle the default vlan 1 on a SAP port during takeover	
PR	182566	Build: 7.3.1.765.R01
Summary:	ACL action "priority" modifies 802.1p field	
Explanation:	Qualifier added to match the IP Traffic for stamping the 802.1p field for tagging the packet priority.	
PR	186739	Build: 7.3.1.768.R01
Summary:	ERROR: Invalid interface number. Flag=0x 208 chassis 2 mode 2 ready 1 connected	

11 / 17

Explanation: A reconnection mechanism is implemented when slave chassis supervisor loses connection with the master after the chassis ready in VC.

PR **185453** Build: 7.3.1.769.R01

Summary: clients find low download speed

Explanation: Corrected the show configuration snapshot display issue when uucast flood limit is applied.

PR **185277** Build: 7.3.1.770.R01

Summary: Messages "ipni arp info(5) arp info overwritten" seen after upgrading OS6900 to 7.3.2.344.R01.

Explanation: Proper port numbering format is incorporated in messages to be displayed in the logs.

PR **187023** Build: 7.3.1.770.R01

Summary: 6900-VC slave member continuously generating PMD once "chassis reached ready state" after reboot or

Explanation: Proper formatting of logs carried out in source learning to avoid the crash while logging the info.

PR **187237** Build: 7.3.1.771.R01

Summary: 10K-VC :: SLB VIP@ connectivity issue when launching vc-takeover

Explanation: QOS Redirect policy configuration corrected during Takeover.

Problems Fixed Between Builds 772 and 780

PR	186715	Build: 7.3.1.773.R01
Summary:	OS10K - VC split	
Explanation:	Prevent disabling of VFL port when there are no active VFLs	
PR	184819	Build: 7.3.1.773.R01
Summary:	Port-Monitor causing linkagg to go down on U32E module.	
Explanation:	Fix check for bad reason code in packet driver	
PR	187461	Build: 7.3.1.775.R01
Summary:	10K-VC ISSU upgrade failed	
Explanation:	Timer has been increased to avoid ISSU failure due to Chassis Bootup Timeout	
PR	185952	Build: 7.3.1.776.R01
Summary:	OS 6900 linkagg 130 issue after issu upgrade.	
Explanation:	Check has been added to prevent the peer chassis VFL linkagg ID get displayed in current chassis show vlan members output	
PR	187160	Build: 7.3.1.777.R01
Summary:	6900-VC ISSU upgrade failed, chassis2 rebooted thrice	
Explanation:	Spanning tree update synchronization between NI and CMM Optimized.	
PR	187638	Build: 7.3.1.778.R01
Summary:	In switch OS6900-X20 code running 7.3.1.682.R01 got crashed with error follows appMgrClientTerminat	
Explanation:	Crash due to usage of long string as description in service spb sap configuration is fixed.	
PR	187190	Build: 7.3.1.779.R01
Summary:	Port in master unit remains down after VFL link split	
Explanation:	Changes done in VC Protocol to take care of chassis priority during VC split	
PR	188383	Build: 7.3.1.779.R01
Summary:	10K MCLAG back-to-back design - Connectivity issues when disabling then enabling Nis	
Explanation:	Fixes proper updating of hardware settings of MC LAG ports when linkAgg goes down	

Under Verification:

PR **167979** Build: 7.3.1.446.R01
 Summary: Warning message to be displayed if an SNMP station is configured with a non-existent user
 Explanation: A warning message displayed when SNMP station is configured with non-existent user

PR **178400** Build: 7.3.1.674.R01
 Summary: OS10K - "Sending health check message to NI" messages filled-up in the logs.
 Explanation: Raised the log level for health check messages to NI

PR **181702** Build: 7.3.1.728.R01
 Summary: Two OS10K switches getting some error messages on the swlogs continuously
 Explanation: Raise log level for some port library APIs

PR **180081** Build: 7.3.1.732.R01
 Summary: wants to see the traps On Console prompt
 Explanation: Fixed the swlog id for SWLOG

PR **182249** Build: 7.3.1.741.R01
 Summary: IGMP packets receives on Omni switch port which is not a part of specific VLAN.
 Explanation: Add a condition in pkt_drv to detect IGMP packet trap to CPU prior to the VPA check in HW

PR **180667** Build: 7.3.1.744.R01
 Summary: Management ports such as Loopback, EMP, Management, etc, and routing interfaces report interface speed
 Explanation: Report 1Gbps for ifSpeed for ip interfaces on vlans

PR **182596** Build: 7.3.1.747.R01
 Summary: per-vlan IP-HELPER configuration is displaying in the switch even after removing the VLAN
 Explanation: Code change to remove "ip helper per vlan only" configuration" as well as " generic udprelay dstVln configuration" while removing the VLAN

PR **183742** Build: 7.3.1.749.R01
 Summary: OS6900: Frame Loss on traffic across Virtual Fabric Link
 Explanation: Code change done to avoid ARP deletion and readdition incase there is a difference in the internal flags used.

PR **183903** Build: 7.3.1.752.R01

Summary: During issu upgrade from 7.3.1.682 to 7.3.1.748 (Chassis-1 rebooting), Linkagg-103 which had only on

Explanation: Code updated to properly handle a LinkAgg Down event when the port is a remote port

PR **183522** Build: 7.3.1.753.R01

Summary: Unable to display the VLAN in configuration.

Explanation: Code updated to fix a MIP overflow while generating the vlan name description

PR **184338** Build: 7.3.1.757.R01

Summary: OS 10K fans working at 85 % after upgrade to 7.3.1.748

Explanation: NI Temperature in the slot were resetted to default value after the removal of Faulty NI

PR **185606** Build: 7.3.1.766.R01

Summary: Wrong primary port output display in the command show linkagg port <slot/port>.

Explanation: Code changes done to show the primary port correctly for the linkAgg

PR **186299** Build: 7.3.1.772.R01

Summary: Unnecessary DHCP Offer / Ack packets received from OmniSwitch.

Explanation: Code changes done to handle unnecessary DHCP packets when next hop address is not configured.

PR **186988** Build: 7.3.1.774.R01

Summary: OS6900: High CPU caused by port-monitoring pmmcmd task.

Explanation: Implemented socket reconnection mechanism in port manager for any socket failures.

PR **184465** Build: 7.3.1.775.R01

Summary: 6900 VC-pair master rebooted and unable to login master

Explanation: Debug additions provided for the page fault error in pktDrv

PR **187948** Build: 7.3.1.777.R01

Summary: 6900: EMP ip address distributed into OSPF

Explanation: Code updated to fix the issue

PR **187493** Build: 7.3.1.778.R01

Summary: The OAM Loopback displays "100% packet loss" and Link trace displays "ERROR: LTR Entry does not exist

Explanation: Code updated to properly populate the link aggregation gport at boot-up

PR **188346** Build: 7.3.1.781.R01

Summary: stpni_printStats table - code changes needed in order to to print the local port number instead of l

Explanation: Code changes done to print the local port number in stpNi_printStats

PR **188154** Build: 7.3.1.782.R01
 Summary: LACP sync out are seen on the SPB interfaces, no physical port up/down reported
 Explanation: LACP PDU which are not intended to the Port are dropped.

Known Issues:

PR **173382**
 Summary: HealthCmm/healthNi message on 10K
 Explanation: Currently, there are no swlogs indicating the CPU usage has crossed the threshold

PR **179794**
 Summary: "debug ip set ipedrArpUnreachControl 0" is present in running config by default
 Explanation: When only icmp unreachable host-unreachable is configured, ICMP un-reachable message would be sent to only the source which has initiated the ARP in the switch. All other following source packets would not be responded by ICMP un-reachable message.

After ARP entry is timed out, again if new source initiates the ARP entry in the switch a new ICMP un-reachable message would be generated to the new source.

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 NOTE: For complete (existing) functionality both icmp unreachable host-unreachable and debug set ipedrArpUnreachControl 0 should be configured.
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PR **159817**
 Summary: The keyword ssh is removed from the prompt line after entering ssh? <enter>
 Explanation: The keyword 'ssh' is removed from the prompt line after entering 'ssh ? <enter>'
 Workaround: Retype 'ssh' after using the '?'.

PR **171468**
 Summary: 10K ERROR: Ip Address must not conflict with interface EMP-CMMA
 Explanation: The IP address scheme between the EMP and IP interfaces can not conflict. Either the EMP or the IP interface must be changed to prevent this situation

PR **128503**

Summary: Oversized packets are not displayed in the CLI in OS9700
 Explanation: Oversize frames counter in CLI command 'show interfaces slot/port' is not incrementing when the switch is transmitting/receiving oversize frames.
 Workaround: Use the 'show interfaces slot/port accounting' command and refer to the 'Oversize' parameter.

New Software Features:

DCB Profile 11

The Windows driver for Intel NIC has a fixed number of traffic classes (i.e. 8) and the Priority to TC Mapping uses a linear mapping. In the current set of profiles, there are only two profiles which match both the criteria, profile 7 and profile 8. However, both have scheduling type as SP. To support ETS BW allocations with 8 TCs and linear priority to TC mapping a new pre-defined profile has been created, DCB profile 11 (DCP-11).

Note: DCB profile number 11 will be reserved for this profile. If a custom profile 11 was created prior to installing this release, that profile will be rejected at bootup and through the user interface (CLI, SNMP, and Webview).

CLI Display Commands:

```
show qos qsp dcb 11
show qos qsp dcb 11 tc
```

CLI Usage Command:

```
qos qsi port 1/1/1 qsp dcb 11
```

Below is the detailed profile definition for DCB Default Profile_11:
 Eight Traffic Classes – {NC}, {IC}, {VO}, {VI}, {CA}, {EE}, {BK}, {BE}
 # of Traffic Classes: 8

X=12

Y=13

Z=25

W=5

TC_0 :: TP:{1}, TT:{BE}, TFC:{LL}, BW:{min= X%PR, Max=PR}, Schd:{ ETS }

TC_1 :: TP:{0}, TT:{BK}, TFC:{LL}, BW:{min= X%PR, Max=PR}, Schd:{ ETS }

TC_2 :: TP:{2}, TT:{EE}, TFC:{LL}, BW:{min= X%PR, Max=PR}, Schd:{ ETS }

TC_3 :: TP:{3}, TT:{CA}, TFC:{LL}, BW:{min= X%PR, Max=PR}, Schd:{ ETS }

TC_4 :: TP:{4}, TT:{VI}, TFC:{LL}, BW:{min= YPR, Max=PR}, Schd:{ ETS }

TC_5 :: TP:{5}, TT:{VO}, TFC:{LL}, BW:{min= Y%PR, Max=PR}, Schd:{ ETS }

TC_6 :: TP:{6}, TT:{IC}, TFC:{LL}, BW:{minY%PR, Max=PR}, Schd:{ ETS }

TC_7 :: TP:{7}, TT:{NC}, TFC:{LL}, BW:{min= Y%PR, Max=PR}, Schd:{ ETS }