Defects Fixed in v4.0.2

16852 Switch RPCD and ZONED daemons core dumped by API application.

16565 Imbalance problem due to routing.

16552 Port Blade deemed as faulty with the following message: Switch: 1, Critical BLADE-EG_ FAULT, 1, ASIC driver detected Slot 7 port 40 as faulty (reason: 13).

16545 Discarded frames during data transfer in 9900 remote copy.

16504 There is a limit loop initialization fault, such that when the host reboots the 2109-M12 crashes.

16385 Switch not sending enough LIPs to transition from AL-PA sequence to Old_Port.

16383 Switch is not sending RSCN, after target device registers to name server with RFT_ID.

16292 Switch crashed and rebooted.

15984 Switch panic when removing cables.

15835 portcfgspeed command variable inconsistency.

15584 Problem with firmwareDownload instructions.

15393 2109-M12 Apache Web server vulnerability.

15391 2109-M12 Apache Web server vulnerability.

15380 SNMP infinite loop response to connUnitLinkUnitId query. If exactly one device is plugged into a 2109-M12 and you query the FC Management MIB's connUnitLinkUnitId field, it enters into a never-ending stream of identical responses.

15379 2109-M12 Switch: 0, Critical PDM-SSPFAIL, 1, Snapshot to primary failed (-1) error; explain error condition.

15000 ASIC failure specific to the turboramtest command.

14999 The switch continues to send the OLS/NOS.

14998 TotalStorage Specialist gives cryptic messages during failed firmwaredownload (CP1:.Null).

14997 Sig =11 CoreDump seen after Fabric Daemon died on 2109-M12 edge switch.

14996 Sig =11 CoreDump files missing after HA failover.

14995 Sig =11 seen, Nameserver and Zone Daemon died on restart of daemons.

14994 Firmwaredownload fails to download firmware after FTP server down/restored.

14990 Changing switch name causes all 2109-M12 with hosts attached to failover.

14898 Unnecessary link reset causing I/O between sw0 and sw1 to pause for 70 seconds.

14880 TotalStorage Specialist firmwareDownload from and to V4.0.0 <-> V4.0.0a,b,c does not work.

16710 firmwareDownload help text does not accurately describe command switch function.

16579 Switch exception, no element available.

16338 Principal switch selection fails over remote switch devices.

15645 There is no configshow output when a supportshow command is issued on 2109-M12.

15426 The filterportshow command during switchreboot command caused kernel panic.

15342 emd panic while doing slotpoweroff/slotpoweron on all blades overnight.

15126 firmwaredownload command fails after issuing a false server IP address.

15114 firmwaredownload from v4.0.0d to v4.0.0c had file system corruption after reboot with new CP card.

15003 WWN is not displayed in the TotalStorage SpecialistGUI representation of a 2109-M12 switch.

15002 HALT modified units are not reporting digital smart features correctly.

14896 cfgenable takes more than 1 minute and 30 seconds to finish.

16700 Control processor card host names not persistent across reboots.

16147 Fabric Watch (fwmailcfg) created bogus email recipients.

16130 Diagnostic summary and error messages need rewording.

15072 Wrong data byte #3 displayed as pinging Host's FCIP address.

15051 Tool tip for the "Reset" button is incorrect.

14891 API: Intermittent Problem: Switch rebooted automatically.

14887 API: Error print message printing offending IP in reverse order.

14881 Help command prompts should auto-exit when all help commands have already displayed.

Defects Fixed in v4.0.0d

13732 There is an extra FRU state sent when blades are pulled and re-inserted

13733 FRU parameters do not go live after a configdownload and a fwconfigreload.

13734 After a configDownload the fabric watch settings do not take affect w/o telnetting to each switch and running firmware configReload.

13813 Fabric Watch exits when the switch is rebooted.

13950 Fabric Watch reports positive number as negative number

13581 Create an SNMP trap when status change from REDUNDANT to NON-REDUNDANT

13502 Running script that does firmware download and reboot to the CP, causes XFS file system corruption.

13805 Time value not in sync after CP insertion

13824 "date" changes on Standby CP should not be allowed.

13882 Soft upgrade commit Available But Failed To Execute; "Wrong Token" Seen On Active CP.

12831 CLI Timeout is required to be part of the configuration file

12958 If the ports of a 2 ports trunk group are set to LE mode, then traffic stops on one of the links

13012 kSWD Critical error messages are not logged in the persistent error log.

13034 Messaging Not Seen For Changes In Trunking Status.

13247 Many misspellings in the Fabric O/S command help pages.

13600 v4.0.0b ConfigUpload Creates Duplicate Boot Information In Configuration Files.

13604 All Licenses Erased After Config Download To Switch.

13679 Trunk Port State Machine Fails To Reset; Blade Must Be Reinitialized.

13843 SCALABILITY: Downloading firmware causes standby CP blades to reboot itself continuously.

13890 Switch time improperly used for time out calculation

13952 scnRegister() fails when registered and deregistered for port SCN

14068 During soft upgrade start, the 2nd-time active CP (running v4.0.0d_rc2) will reboot due to losing heartbeat

13951 SNMP is only sending offline trap for only sending offline traps and not sending online traps after a master trunk is pulled. When master port is removed, only offline trap is sent

12901	Running loop on ipaddrset script caused webd:1 (pid=818)!!! Signa l=11 and segmentation fault later.
13261	Does Not Display Persistent Logs After Errclear.
13884	Message Bar In Upload/Download Tab Show Incorrect Messages While Loading Firmware.
13921	java.lang.NullPointerException error
14005	TotalStorage Specialist crashed after switchDisable followed with "Refresh"
14047	Name Server Table reports incorrect COS when the FCP4s type field is empty.
14077	"Alt-x" keys don't work
13930	Scalability - software watchdog kills nsd because it's too busy to respond, causing fail over
13812	Display lighted LEDs on the standby CP in the TotalStorage Specialist Switch View for the 2109-M12
14005	TotalStorage Specialist crashed after switchDisable followed by "Refresh".
14010	"Unexpected Signal: 11" error message after click on Refresh View button following switchDisable.
14194	Click on the Switch Admin icon, the up/down arrows are not displayed properly and the user is unable to tell which arrow is up and which is down.
14133	Toggle the Fabric View of a large fabric (18 switches) between max/min mode would cause the Netscape 4.77 browser to hang.
14012	"java.lang.IllegalArgumentException: Identifier not found" error message in the java console window.
14198	Incorrect status bar message when the Protocol field is highlighted in the Upload/Download tab.
14052	IOException in FindCookieURL error message in the java console on a Solaris 8 with plug-in 1.3.1_04.
6620	Unable to drag members from selection list to the right hand side box for Port Throughput, Blade Aggregate Throughput, SID/DID Performance, all SCSI performance, ALPA Error graphs.

Defects Fixed in v4.0.0c

10963   Once a while, nscamshow get "SHM error -- unable to get SHM, size = 28794"

11784   Input/output not equally distributed when moving across e_ports

11998   Firmwaredownload, configdownload, and configupload from TotalStorage Specialist require a password for the FTP user v4.0.0a

12760   WARNING ZONE-ZONEGROUPADDFAIL, 3, WARNING - port 10 Out of CAM entries

12803   Zoning administration allows users to exit without saving; the result is outstanding transactions to the interface.

12905   Need better messages when a configupload from the GUI fails. The error message gives no information.

12922   Parameters are not applied on the 12k after a config download

12961   The information displayed when the Hi Avail button is clicked is incorrect

13028   No warning is given to a user who tries to exit from the Zoning GUI if changes have been made.

13056   Scalability (ML/GS configuration): Error message "Error ZONE-IOCTLFAIL, 2, Ioctl(portZoneGroupAdd) failure... keep displaying on the switch console.

13071   I2C FATAL: regExtSta=0x60, regSCL=0xd 0x3ce (fabos): Switch: 0, Critical PLATFORM-FUNCT_FAIL, 1, fabsys_set_HwUnitFatal i2c bus error, can't recover.

13123   Host unable to see storage after moving ISLs

13124   The nameserver has an extra entry.

13125   The output from the fabricshow command is incomplete

13138   OEM: TRU64 host lost active path to HSG80 storage.

13170   SUS can enter a lockout state when terminating FTP services just after SUS starts on standby CP.

13206   The example steps described in the "Softupgradestatus" man page are not accurate.

13209   The supportshow command does not contain "errdump -p" command.

13211   ifModeSet should have warning messages when used in telnet session.

13247   Many misspellings found in the FabOS command help pages.

13285   Many misspellings found in System Control and Diag command help pages.

13299 Persistent Error Log not cleared in /mnt partition by errclear -p command, exposing old data after fwdl.

13305   Emulex HBA's FLOGI got loopback

13308   Softupgradestart failed to load new firmware to standby CP secondary flash partition.

13309   TotalStorage Specialist did not timeout for failed firmwaredownload, no error messaging.

13312   Port fix of defect 13025 from Main branch to to b, c, and GS branch.

13315   IPC Failure (rc = -5) Errors Not Logged.

13316   Softupgradecommit does not provide user with status while running.

13318   TotalStorage Specialist firmwaredownload status bar continues to progress during a failure.

13319   Power down sequence defined by power off list not functioning properly.

13324   FDET error (mini-buffer state mismatch) causing blade faulted in SIA lab when performing GS testing.

13356   Name Server error - nsallshow only shows attached devices.

13387   Setting "Select Alarm Level to Custom" does not work using TotalStorage Specialist.

13523   GS After fwdl and reboot of switches on the Silver and Gold rig, firmwarecommit starts automatically.

Defects Fixed in v4.0.0b

10962   Time Awake & Time Alive parameters can be off by 1 or 2 days for some FRUs

11748   loopPortTest diagnostic command.

11751   There is no visual indication (No Amber light) on the 2109-M12 to show conflicting port speed between ISLs.

11796   TotalStorage Specialist status screens can take up to 5mins to update its status area after a FRU has been added/removed.

11827   TotalStorage Specialist was consuming 100% client CPU for over 10 minutes with large (124k) zoning configurations.

11854   CP Blade had "Faulty" status after CP failover performed.

11988   Software upgrade process is interactive with admin logon.

12083   Switch does not provide persistent error logging across power cycles.

12134   Need to improve some cryptic fabric event entries.

12135   Need firmwareshow command to show code level for all CPs and all partitions.

12207   Diagnostic backplanetest fails on the power cycle test.

12334 A process can keep the I2C bus access for too long.

12402 TotalStorage Specialist client memory usage was high during validation of data after saving a zoning configuration.

12407 Blade faulted.

12408 Port Fault seen on one blade port (S4, P-1(37)) after a power cycle.

12410 During continuous power-cycle testing, an I2C time out was observed in the error log.

12436 Core dump message seen for the SNMP daemon after switchreboot command. Msg: "Application 'nsd'(pid 3553) got exception 11. will dump core in directory /core_files/nsd"

12448 Switch Management view window is not re-sizeable and the vertical scroll bar function does not function.

12449 Fabric Events view, the count is always 0 for events related to the 2109-M12

12519 2109-M12 switch reports a value of '0' for MIB entry named 'connUnitNumports'.

12522 Continuous reboot seen after chassis was power cycled.

12605 2109-M12 switch reports a value of '0' for MIB entry named 'connUnitNumports'. API needed to get number of actual ports in a switch.

12615 Msg: "Kernel access of bad area, sig: 11" occuring in ASIC driver.

12656 Blade initialization failure on slot 4.

12661 Msg: "Critical PLATFORM-FUNCT_FAIL, 1, fabsys_set_HwUnitFatal i2c bus error, can't recover" seen.

12679 2109-M12 switch hung when trying to telnet into it.

12702 MIB instance '.iso.org.dod.internet.snmpV2.snmpModules' returns write-access community strings with read-only community string get request.

12705 Fabric services lost due to fabric daemon dying. Generated a "Sig=11" core dump.

12707 Core dump missing after "Sig = 11" Message.

12802 CP fault observed during firmware download

12803 Zoning administration allows users to exit without saving, resulting in outstanding transactions.

12804 The "Savecore" FTP transfer function doesn't allow a user to transfer to the default FTP directory path.

12805 Error handling not seen for a failed firmware download process (soft_upgrade).

12854 There is no way to hard-set the Ethernet port speed or duplex setting.

12890 SNMP functions swFwUpgrade, swCfUpload, swCfDownload need to be disabled.

12909   Need to refine severity and establish persistence for RPCD error_log messages.

12958   If the ports of a 2-port trunk group are set to "LE mode", then traffic stops on one of the links.

13012   Critical error messages are not logged to the persistent error log.