

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)!!! Signal=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 failover
- 13812 Display lighted LEDs on the standby CP in the Web Tools Switch View for the 12000
- 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 Emlex 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 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 firmwaredownload 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.