

Release Notes

Product: SNC[®] 5100 Firmware v4.45.18

Date: May 2006

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Purpose of this Release

This release provides Firmware v4.45.18 for the SNC 5100. The SNC 5100 is used with the Scalar[®] 1000 and the Scalar 10K.

Resolved Issues

This release of Firmware v4.45.18 is based on Firmware 4.45.17. Issues resolved by Firmware 4.45.18 include the following:

Change Request Number	Description
56424	SNC does not return Reservation Conflict on Mode Sense command.
56886	Host loses SNC and drives after cable pull test.
57118	SNC 5101 in LIP Login loop with 4.45.18 build 1 does not work correctly.
	4.45.17
55738	Upgrade QLogic Microcode to 3.03.19
55193	SDLT320 Bug Check causes SNC to hang.
54527	SNC 510X incorrectly identifies GBIC devices.
52968	Watchdog timer required to identify and recover 510x hang.
52257	WRITE command with zero transfer length not processed correctly.



Change Request Number	Description
50483	Vendor Unique ASC/ASCQ clash with libraries.
50287	QLogic debug dump procedure improvement.
50136	ResultFlags not reported for all cases of scsintapeWriteCDBSent
48777	HPUX ioscan sees ghost devices when invoked against an SNC with VPS enabled.
49427	scsiRescan can hang the CLI.
42933	SCSI device info doesn't show up in Dell SNC Manager Immediately with SNC fw 4.50.03
42000	Drive Dump files have bytes swapped and are unreadable by IBM TOWN Tool.
40947	vpsMapShow should be added to 5k firmware supportDump.
39745	SNC is returning invalid data together with sense data for an invalid lun command.
36296	CLI help command does not display vpsHelp and sfmHelp in the list.
24904	Upgrade QLogic MicroCode to Version 3.03.18
	4.45.16
41999	Drive Dump files have bytes swapped and are unreadable by IBM TOWN Tool.
41469	The reserveShow command was not displaying the entire port name for an HP-UX host.
41457	Sony SDX-700C Drive does not respond to AMC refresh.
41238	SCSI Timeout values incorrect for tape read and write.
40488	SCSI command timeout values not conformant to IBM LTO-x Specifications.
40466	Command Flow Logging: Every playback allocates new copy buffer and does not free if playback interrupted.
39723	IBM Changer ULT3583-TL not in changer device list.
39587	SCSI Over IP: "No Device 6.14.21" message is displayed on SNC when an inquiry command is send to an invalid device.
39534	Need to properly show serial numbers of targets in the mapShowDatabase output
39388	SNC 4000 not properly logging in to McData switch, which prevents the host from discovering the Scalar 24 .
38542	uaQueue sending old UAs to host after PLOGI event.
38186	Drive dump was failing on the SNC 5101 and SNC 4000.
37913	CFL was throwing an exception when the log wrapped.
37811	mkRelease doesn't stop if build component is unsuccessful.
37359	Add paCommandFlowLogEnabled variable to SANMgr MIB.
37237	When testing Enhanced Data Streaming, memory that was allocated by dsStart was not released after dsStop.

Change Request Number	Description
37231	CFL was not using the type field to determine if the log entry was owned by SOIP2.
36626	If there was no memory for a playback copy buffer, CFL was not printing an error message.
36615	The <code>setTimeHost</code> command does not clear input string prior to new input
39587	SCSI Over IP: "No Device 6.14.21" message is displayed on SNC when an inquiry command is send to an invalid device.
39534	Need to properly show serial numbers of targets in the <code>mapShowDatabase</code> output
39388	SNC 4000 not properly logging in to McData switch, which prevents the host from discovering the Scalar 24 .
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37359	Add <code>paCommandFlowLogEnabled</code> variable to SANMgr MIB.
37237	When testing Enhanced Data Streaming, memory that was allocated by <code>dsStart</code> was not released after <code>dsStop</code> .
37231	CFL was not using the type field to determine if the log entry was owned by SOIP2.
36626	If there was no memory for a playback copy buffer, CFL was not printing an error message.
36615	The <code>setTimeHost</code> command does not clear input string prior to new input
36295	<code>snmpSet</code> error on AMC View Event Log with viewing level =0 (All Events).
36216	Command Flow Logging: Events for failed medium changer are not available if changer doesn't respond when SCSI Channel is rescanned.
36157	When testing Enhanced Data Streaming, the test report was displaying MBPS instead of the number of Tape Writes completed.
36156	When testing Enhanced Data Streaming using two Fibre Channel ports concurrently and with the SNC in Target mode, tape test errors were recorded.
36085	When the copy test tool or serverless backup sends an XCOPY command, the Command Flow Logging (CFL) feature was not displaying a completion status.
36075	Request to pull SNC command logs using AMC interface.
35664	Want ability to reset a specified SCSI bus from the CLI and SNMP.

Documentation

These related documents are currently available for the SNC 5100:

Document Number	Document Title
6-00676-03	SNC Firmware 4 User's Guide
6-00020-02	SNC 5100 for the Scalar 1000 and 10K User Guide