Release Notes

Product: SNC 6101® Firmware 4.60.02
Date: March 2005

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Purpose of this Release

This release extends the capabilities of SNC 6101. These release notes list corrections to problems that were encountered in previous releases of SNC 6101. Visit **www.adic.com** for additional information about SNC 6101 and previous releases. For a complete matrix of firmware compatibility, refer to the library release notes.

Resolved Issues

Problems that have been resolved in this release of SNC 6101 are as follows:

Change Request Number	Description
15314	CLI command `hpFeatureDisable` causes invalid block in partition errors.
15394	SCSI - SNC 6101 Inquiry failure (12h).
15395	SCSI - SNC 6101 Inquiry command error (12h).
15467	SCSI - SNC 6101 Mode Sense error (1Ah).
17086	CLI command `initializeBox` does not disable AMP feature.
20720	"Failed to open tape: errno - 0x380003" during `initializeBox` command.
26054	SNC hangs up if you type `exit` from the serial port prompt.
29084	Write/Verify of greater than 1M does not work.
29589	The `vpsMapClear` command does not clear the mapping assignments for the host.

Change Request Number	Description
35005	CFL missing Write Logs when the target is a Fibre drive.
35175	CFL displays blank space for an invalid operation code.
35177	There is an extra space for `UNKN` status displayed in CFL.
35203	The `scsiHostIdSet` command does not check for invalid ID boundaries.
35362	CFL SNC 6101, with detail enabled, READ command shows actual `xfer` equal to zero.
35426	CFL does not display all information for a check condition (02); results from XCOPY command sent via tool.
35444	CFL S/N of SOIP attached devices is byte swapped in output.
35713	CFL data structure uses an unknown value pointer during display.
36512	CFL - Use type files to determine if info was generated by SOIP2.
36546	`setTimeHost` command does not clear input string prior to new input.
36648	perror openDir message during `initializeBox` command; some config files not deleted.
37235	CFL - If no memory for playback, copy buffer then print the error message.
37333	SNC Unique ASC 83h is not in scsicodes.
37382	Add paCommandFlowLogEnabled variable to SANMgr MIB.
37534	Change method for delaying enabling of FC target mode port transmitters.
37930	FCB Reboot occurs during high I/O transfer.
38319	Request to pull SNC Command Logs using AMC Interface.
38596	`uaQueue` sending old UAs to host after PLOGI event.
38737	Maintenance Out - shutdown notice command successful, but responds with invalid CDB.
39130	`fcShow` does not display Host index or WWN.
39188	FC port continuously restarting after issuing `fcRestart` command.
39439	HPF (Host Port Failover) feature is being referenced in error log yet is feature disabled.
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12753	Private Target Mode fails because it PLOGIs the directory server.
15063	CLI command `mapMultipathSet` requires an SNC reboot for changes to take effect.
15747	CLI command `fcShowDevs` locks up the SNC when a SCSI ID conflict occurs.
17979	SCSI max speed reported incorrectly in AMC.
24906	Upgrade QLogic MicroCode to latest version, 3.02.29.
29114	Ability to load wrong firmware kills the SNC.
29185	SANmark test fail do to `rft_id` not being sent by the SNC.

Change Request Number	Description
29621	FC Dump does not function correctly on QLogic ISP2312.
32371	Enhanced SNC Command Flow Logging.
32413	Add Enhanced Data Streaming functions for the 6101.
32489	SNC 5K sending Name Server registrations every 1.5 seconds causing RSCN storm.
32491	FC initiator failure due to ill-formed GAN response causes PRLI and PRLOGI failure.
32906	The `rz` command was missing from the 6101 bootrom.
33042	Add support for setting the Ethernet speed duplex characteristics.
33190	Serial number of `soip2` targets is byte swapped in `cfLogTimePlayback` and `clLogEventPlayback` commands.
33216	LSI Logic Microcode does not support Restore Pointers functionality.
34194	AMC shows incorrect setting for SCSI Channel Termination.
34221	CLI help command needs `cleHelp` change to `cfLogHelp`.
34426	No CFL log entry for a single write (6) SCSI command with a small byte payload.
34566	Change text "minutes" to "events" in `clLogEventPlayback` error response.
34679	Command Flow Logging (CFL) failed to write sequence event 1, which resulted in an incorrect start time and a missing event.
34740	The CFL function was not recording "mode select" or "mode sense" SCSI commands when processing reserve and release functions.
35173	The CFL function failed and the SNC hung when the `dateSetFromRTC` command was used to set the real time clock.

Documentation

The following documents are currently available for the SNC 6101:

Document Number	Document Title
6-00667-05	Scalar 100 User's Guide
6-00701-03	SNC 6101 Installation and Maintenance Guide
6-00676-03	SNC Firmware 4 Reference Guide
6-00064-06	ADIC Management Console User's Guide