QLA FCode for 2Gb HBAs

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1. Version

These release notes describe the changes, fixes, known issues, and release details that apply to QLA FCode for 2Gb HBAs, version 2.00.10.

This software supports firmware version 2300tp2x 03.03.21 and firmware code cs2x 3.03.117.

2. Changes

The following changes have been made to the QLA FCode for 2Gb HBAs between versions 2.00.09 and 2.00.10.

Hardware Support

N/A

OS Support

N/A

Software Components

- Created the `ext-loopback-test` command to allow manual execution of external Loopback.
- Added `menu` to the `set-mode` & `show-mode` words, used to set compatibility mode.
- Changed `sd open` to check `login-boot-device` flag before disk-spinning execution.
- Changed `set-boot-id` to accept only WWPN & LoopID, not LUN, and changed the readme.
- Made the `login-boot-device` no longer done in open (it is now done in sd child node every time).
- Added `rsp-iocb-valid?` in `do-cur-iocb` (use sdc byte in IOCB for handle #).

- Added the `show-settings` word, which shows all the HBA's info and NVRAM settings.
- Added level debugging and more debugging in `get-my-id` and `execute-command`.
- Added compressed firmware algorithm from IBM code.
- Reorganized code with common directory, which has code common to Sun & qla.
- Added 16-bit LoopID.
- Added 16-bit LUN capability.
- Flattened build directory.

Industry Standards Compliance

N/A

3. Bug Fixes

The following fixes have been made to the QLA FCode for 2Gb HBAs between versions 2.00.09 and 2.00.10:

- Fixed External Loopback test to execute via selftest only if in Loop topology.
- Fixed Selftest Memory test `do-mem-test & test-mem return status & print "Passed."`
- Put in SNS command fixes, including Get Port Name(x112) bug found in IBM code.
- Added level debugging.
- Added N-port topology support to fix bugs in `show-children & login-boot-device`.
- Made the words `get-sense`, `short-data-command`, and `retry-command` external.
- Took `isp-online-self-test` out of selftest (it did not work with FW 3.03.21).
- Fixed bug in `logout-devices` to support logging out from device.
- Fixed processing of `get-id-for-fc4type GID_FT` buffer to check for null buffer.
- Fixed stack bug in `show-children` when topology is not valid.

4. Known Issues

N/A

5. Additional Information

N/A

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