



QLC FCode for 2Gb FC HBAs

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1. Version

These release notes describe the changes, fixes, known issues, and release details that apply to QLC FCode for FC HBAs, version 1.16.

2. Changes

The following changes have been made to the QLC FCode for FC HBAs between version 1.14.15 to 1.16.

Hardware Support

N/A

OS Support

N/A

Software Components

- Added warning message `Unsupported by Solaris QLC driver, if topology=FL-port`.
- Changed wait time in `fw-ready?` loop from 1 second to 1/3 second for `FL-port` boot.
- Added `info-count` so the version is displayed only once when `qlc` is selected.
- Added `N-port` support. Fixed bugs in `show-children` and `nport-get-id(get-id-list proc)`.
- Changed 1.15b3 fix to use `lip-login mbox` command instead of `login-loop-port`.
- Added more debugging in `get-my-id` and `execute-command`.
- Added 16-bit LoopID.
- Added compressed firmware algorithm from IBM code.

- Reorganized code with common directory which has code common to sun & qla.
- Cleaned up `show-children`.
- Added 16-bit LUN capability.

Industry Standards Compliance

N/A

3. Bug Fixes

The following fixes have been made to the QLC FCode for FC HBAs between version 1.14.15 to 1.16.

- Fixed Selftest - External loopback test. Skip `echo-diag-test` if `F-port` topology.
- Fixed Selftest - Memory test return status in `do-mem-test` and `test-mem`.
- Fixed SNS commands, including x112 bug found in IBM Fcode.
- Fixed `starting-id` bug in `show-children`, `obp-target` got cleared if `NL-port`.
- Fixed bug in `logout-devices`. Wasn't always logging out from starting device.
- Fixed stack bug in `inquiry` & `report-luns`. Add `error?` test to handle failed case.
- Fixed another `infinite-loop` bug, `lip-login` doesn't fix the link on `comp-stat 29`.
- Fixed stack bug in `lip-login`. Must return `completion-status` to `execute-command`.
- 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.
- Fixed `infinite-loop` `login-device` bug, when `topology=loop`. When `return status=28` or `29` (`unavail` or `port-logic`) `execute login-loop-port` if `topo=loop`.

4. Known Issues

N/A

5. Additional Information

N/A

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