Release Notes

FC HBA Driver for Linux Kernel 2.6.x

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1. Version

These release notes describe the changes, fixes, known issues, and release details that apply to FC HBA Driver for Linux Kernel 2.6.x, version 8.01.07.

2. Changes

The following changes have been made to the FC HBA Driver for Linux Kernel 2.6.x between versions 8.01.06 and 8.01.07.

Hardware Support

N/A

OS Support

N/A

Software/Driver

- Added Intelligent Interleaved Direct Memory Access (iiDMA) support.
- Made NSP 202 personality changes.
- Added support for large (4K) LUNs.
- Resynchronized the driver with the latest released 4Gb firmware: 4.00.26.
- Used T10 approved Vendor ID for NSP products.

Industry Standards Compliance

N/A

3. Bug Fixes

The following fixes have been made to the FC HBA Driver for Linux Kernel 2.6.x between versions 8.01.06 and 8.01.07:

- Corrected build script issue with SLES10.
- Corrected PLOGI retry logic where targets were not being properly recognized during ELS timeout failures.
- Corrected compilation issues with recent kernels.
- Properly re-enabled EFT after an ISP abort.
- Used correct IP broadcast address on 4Gb FC HBAs.
- Corrected setting of IOCB timeouts.
- Corrected TASK_SET_FULL handling.
- Perform implicit LOGO during fabric logout request.
- Corrected large-buffer transfer issues during loopback test.
- Corrected races in command timer logic.
- Corrected ref-counting issue within queue-depth ramp-up code.
- Corrected compilation issues with kernels > 2.6.18.
- Corrected endianness issue while interrogating MS status.
- Corrected tear-down cleanup during probe() failures.
- Workaround ACU underrun issue related to vendor-specific commands.

4. Known Issues

None

5. History

For history of changes to the QLogic driver, please refer to the `revision.notes` file in `qla2x00src-<driver version>.tgz`.

6. Additional Information

This driver must be used with API library version 3.00 build 9.

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