

Emulex® LPe12000-Series HBA Firmware Release Notes

Versions: 2.02a1

Date: October 14, 2016

Purpose and Contact Information

These release notes describe the new features, supported boot topologies, and current known issues associated with this firmware release for Emulex® LPe12000-series host bus adapters (HBAs).

For the latest product documentation, go to www.Broadcom.com. If you have questions or require additional information, contact an authorized Broadcom® technical support representative at ecd-tech.support@broadcom.com, 800-854-7112 (US/Canada toll free), +1 714-885-3402 (International), or +49 8941352 0244 (Europe, Middle East, and Africa; UK business hours only 8:30 a.m.–5:00 p.m. UTC Monday through Friday).

New Features

- Adds support for the following operating systems:
 - Windows Server 2016
 - Red Hat Enterprise Linux (RHEL) 7.3 (out-of-box)
 - RHEL 6.8 (out-of-box)
 - SUSE Enterprise Linux (SLES) 12 SP2

Supported Boot Topologies

- Auto topology with loop first (default)
- Auto topology with Fabric point-to-point (P2P) first
- Fibre Channel-Arbitrated Loop (FC-AL)
- Fabric P2P

Resolved Issues

There are no resolved issues.

Known Issues

Firmware

Delays in the direct memory access (DMA) transfer over PCI Express (PCIe) between Main Memory and the functional test exposure (FTE) have been observed.

Workaround

None.

FC x86 BootBIOS

1. After scanning targets, an error message stating **Link is up, no targets found** might be displayed.

Workaround

Ensure that the targets are mapped prior to scanning them.

2. **x86 BootBIOS only supports Direct Connect FC-AL loop topology and does not support Direct Connect P2P. LPe12000-series adapters that are attached to new targets that support Direct Connect P2P and not Direct Connect FC-AL do not work.**

Workaround

None.

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