Release Notes

Emulex® FC and NVMe over FC Drivers for ESXi 7.0

Release	ESXi 7.0 FC Driver	12.8.340.12
	ESXi 7.0 NVMe over FC Driver	12.8.329.0

Purpose and Contact Information

These release notes describe the new feature components, supported adapters, change history, resolved issues, known issues/limitations with the current release, supported upgrade versions, and related KB-articles associated with the Emulex® FC and NVMe over FC drivers for the ESXi 7.0 operating system.

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.

New Features Components

There are no new feature components in this release.

Supported Adapters

The following HBAs are supported by the ESXi 7.0 FC driver:

- LPe12000-series adapters
- LPe16000-series adapters
- LPe31000-series adapters
- LPe32000-series adapters
- LPe35000-series adapters

The following HBAs are supported by the ESXi 7.0 NVMe over FC driver:

- LPe31000-series adapters
- LPe32000-series adapters
- LPe35000-series adapters

Change History

Changes to the FC driver in this release are as follows:

- Changed the default settings for LUN queue depth from 30 to 64.

Changes to the NVMe over FC driver in this release are as follows:

- Support is added for the Broadcom ECD VMID feature on Brocade® and Cisco switches.
- Support is added for Boot from SAN on NVMe over FC in the ESXi 7.0 U1 operating system only.
- Enhanced IOPs and throughput performance.
- Changed the default settings for LUN queue depth from 30 to 64.

FC Driver Resolved Issues (Version 12.8.340.12)

Rebooting a target on LPe31000-series, LPe32000-series, or LPe35000-series adapters no longer results in an unrecoverable operating system fault.

FC Driver Resolved Issues (Version 12.8.329.0)

There are no resolved issues in this release.

NVMe over FC Driver Resolved Issues

1. An unrecoverable operating system fault no longer occurs when an LPe31000-series, LPe32000-series, or LPe35000-series adapter is connected to an NVMe only target, and the target is rebooted while the initiator is waiting for command responses from the target.
2. The NVMe feature is no longer disabled by default in LPe31000-series and LPe32000-series adapters.

Known Issues/Limitations with the Current Release

There are no known issues/limitations in this release.

Supported Upgrade Versions

There are no specific upgrade restrictions for moving from inbox to out-of-box.

Related KB-Articles

There are no related KB-articles in this release.

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