



Mellanox NATIVE ESXi iSER Driver for VMware vSphere 6.5

Release Notes

Rev 1.0.0.2

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Document Revision History

Table 1: Document Revision History

| Revision | Date | Description |
|-------------|---------------|--|
| Rev 1.0.0.2 | July 18, 2018 | Initial version of Mellanox NATIVE ESXi iSER Driver v1.0.0.2 for VMware vSphere 6.5 release. |

1 Overview

These are the release notes of Mellanox NATIVE ESXi iSER Driver for VMware vSphere 6.5.

1.1 Content of MLNX-NATIVE-ESX-ISER Driver Package

ESXi 6.5: MLNX-NATIVE-ESX-ISER_1.0.0.2-10EM-650.0.0.4598673.zip- bundle contains the following kernel module:

- iser

1.2 Prerequisites

Mellanox NATIVE ESXi iSER Driver for VMware vSphere 6.5 requires the following drivers to be installed.

| Adapter Cards | Version | Drivers |
|---|-------------------|--|
| ConnectX-3/ConnectX-3 Pro | 3.16.0.0 or above | <ul style="list-style-type: none">• nmlx4-core• nmlx4-en• nmlx4-rdma |
| ConnectX-4/ConnectX-4 Lx/ConnectX-5/ConnectX-5 Ex | 4.16.0.0 or above | <ul style="list-style-type: none">• nmlx5-core• nmlx5-rdma |

2 Changes and New Features in Rev 1.0.0.2

Table 2: Changes and New Features

| Category | Description |
|-----------|---|
| Bug Fixes | See section Bug Fixes History . |

3 Known Issues

Table 3: Know Issues

| Internal Reference | Issues |
|--------------------|---|
| 655369 | Description: Manual unload and reload of the mlx4/mlx5 low-level drivers may cause iSER to stop functioning. |
| | Workaround: N/A |
| | Keywords: mlx4/mlx5 low-level drivers, upload, reload |
| 667170 | Description: Rescanning vmhbas while creating and deleting targets may freeze the scan. |
| | Workaround: N/A |
| | Keywords: vmhbas rescanning |
| 655478 | Description: The iser module is not loaded at boot. |
| | Workaround: Run “esxcli rdma iser add” after boot to load the iser module. |
| | Keywords: iser module, booting |

4 Bug Fixes History

Table 4: Bug Fixes History

| Internal Reference | Issues |
|--------------------|--|
| 1426074 | Description: Fixed a connection stability issue while trying to write data. |
| | Keywords: Connectivity |
| | Discovered in Version: 1.0.0.1 |
| | Fixed in Release: 1.0.0.2 |

5 Changes and New Features History

Table 5: Changes and New Features History

| Category | Description |
|------------------|--|
| Rev. 1.0.0.1 | |
| Operating System | MLNX NATIVE ESX ISER v1.0.0.1 added support for ESXi 6.5 OS. |