

Release Notes

Date: November 2010
Product: Emulex® OneConnect™ OCe10100 FCoE UCNA Elxflash Utilities
Versions: Windows Offline and Online Utilities Version 5.01.09.04, Linux Offline and Online Utilities Version 5.1.9.3, and Linux Elxflash Offline (NIC-Only) Version 5.1.9.3

This document describes the new features, resolved known issues and current known issues associated with these utility build releases. For the latest product documentation, go to www.Emulex.com. If you have any questions or require additional information, contact an authorized Emulex technical support representative.

Elxflash Offline and Online Utilities Version 5.01.09.04 (Windows) / 5.1.9.3 (Linux)

New Features

1. There are no new features in this release.

Resolved Issues

1. **(Linux and Windows – Elxflash Offline Utilities Only) Incorrect VPD Serial Number No Longer Causes Elxflash to Misidentify OneConnect OCe10100 FCoE UCNAs**
If the FCoE Universal Converged Network Adapter's (UCNA) VPD serial number did not match the serial number reported by MILI, the Elxflash utility would misidentify the OCe10100 FCoE UCNA as an OCe10100 iSCSI UCNA. This issue has been corrected.
2. **(Linux and Windows) Firmware Download Failure No Longer Generates Incorrect Error Message**
Previously, the Elxflash utility displayed a message stating that a reboot was necessary even after the UCNA download had failed. This issue has been corrected.

Known Issues

1. **(Linux – RHEL 5.3, 5.4, and 5.5) Elxocmcore RPM Will Not Install Due to Missing Library**
The core kit (elxocmcore RPM) will not install due to a missing Libnl (Net Links) library. Unlike other supported operating systems, RHEL 5.3, 5.4 and 5.5 do not install the libnl during a default installation.
Workaround: Install the libnl from the RHEL 5.3, 5.4, or 5.5 distribution media.
2. **(Linux and Windows – Elxflash Online Utilities Only) Incorrect VPD Serial Number Causes Elxflash to Misidentify OneConnect OCe10100 FCoE UCNAs**
If the FCoE Universal Converged Network Adapter's (UCNA) VPD serial number does not match the serial number reported by MILI, the Elxflash utility will misidentify the OCe10100 FCoE UCNA as an OCe10100 iSCSI UCNA.
Workaround: Confirm that the OCe10100 FCoE UCNA's VPD serial number matches the serial number reported by MILI.
3. **(Linux and Windows) Displayed Version Does Not Match Between Firmware and Applications**
Although the firmware version is identified in the 2.10x.xxx.xx format, for OCe10100 FCoE UCNAs the version displayed in Emulex applications is in the 2.70x.xxx.xx format. The numeral 7 indicates that an FCoE initial program load (IPL) is installed on the UCNA.
Workaround: None. This is the firmware reported by MILI and is expected behavior.

4. **(Linux and Windows) Elxflash Does Not Display iSCSI and NIC Functions When the MILI Daemon is Not Running**

When the MILI daemon is not running, Elxflash will not display iSCSI or Ethernet functions, which also causes firmware downloads to fail.

Workaround: This is expected behavior. Verify that the MILI daemon is running before running Elxflash.

5. **(Linux – RHEL 5.4, 5.5, and 6) ElxflashOffline and Elxlinlpcfg Will Not Install Due to Missing Library**

The ElxflashOffline and elxlinlpcfg will not install due to a missing Libnl (Net Links) library. Unlike other supported operating systems, RHEL 5.4, 5.5, and 6 do not install the libnl during a default installation.

Workaround: Install the libnl from the RHEL 5.4, 5.5, or 6 distribution media.

6. **(Linux – RHEL 5.3) Ethernet and iSCSI Drivers are Not Available**

For Linux RHEL 5.3, the Ethernet (be2net) and iSCSI (be2iscsi) drivers are not available for firmware version 2.103.160 and later.

Workaround: None. RHEL 5.3 is no longer supported.

7. **(Linux – RHEL 6) FC and FCoE Driver Exits with Error During Uninstallation**

During uninstallation, the FC and FCoE (lpfc) driver exits with an error.

Workaround: None.

8. **(Linux – RHEL 6) iSCSI Driver Fails to Install Due to Conflict with Ethernet Driver**

During installation, the iSCSI driver fails due to a conflict with the Ethernet driver.

Workaround: None.

Linux ElxflashOffline (NIC-Only) Version 5.1.9.3

General Notes

1. This kit only supports Emulex OneConnect OCe10100 UCNAs. The LightPulse family of adapters is not supported.
2. The elxflash utility only displays NIC (Network Interface Cards) functions on the OCe10100 UCNAs. The FCoE and iSCSI functions are not displayed.
3. The boot code and BIOS are not displayed.

Requirements

RHEL 5.4:

- DUP (Driver Update Package) 2.101.377r be2net driver.
- Inbox Pciutils package.
- Inbox Pciutils-devel package.
- Inbox Ethtool package.

RHEL 5.5:

- Inbox be2net driver 2.102.115r.
- Inbox Pciutils package.
- Inbox Pciutils-devel package.
- Inbox Ethtool package.

SLES 11 SP1:

- Inbox be2net driver 2.102.147s.
- Inbox Pciutils package.
- Inbox Ethtool package.

New Features

1. There are no new features in this release.

Resolved Issues

1. There are no resolved issues in this release.

Known Issues

1. **(RHEL 5.4) Cannot Initiate a Download Using the Inbox be2net Driver**
The inbox be2net driver cannot be used by the elxflash utility to initiate a download.
Workaround: Ensure the DUP 2.101.377r be2net driver is installed and loaded.
2. **(SLES 11 SP1/RHEL 5.5) Cannot Initiate a Download Using an Out-of-box be2net Driver**
An out-of-box be2net driver cannot be used by the elxflash utility to initiate a download.
Workaround: Ensure the inbox be2net driver is installed and loaded.
3. **(RHEL 5.4) Cannot Initiate a Download Using an Out-of-box be2net Driver**
An out-of-box be2net driver cannot be used by the elxflash utility to initiate a download.
Workaround: Ensure the DUP 2.101.377r be2net driver is installed and loaded.

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