

OneConnect™ Firmware Release Notes

Release: 10.6
Version: 10.6.248.0
Products: OneConnect OCe14000-series adapters and XE100-series controllers
Date: October 5, 2015

Purpose

This document describes 10.6.248.0 firmware release for the OneConnect OCe14000 series of adapters and the XE100 series of controllers. It includes a list of files included in this release, as well as a list of changes and known issues in this release.

For the latest product documentation, go to www.emulex.com. If you have questions or require additional information, please contact your authorized Emulex technical representative.

Release Files

The firmware version 10.6.248.0 release package contains the files outlined in the following table. These files have been combined into a compressed zip file (oc14_10.6.248.0.zip).

Table 1 Release Files

| File Name | Version | Description |
|------------------------------|------------|------------------------|
| oc14-10.6.248.0.ufi | 10.6.248.0 | Firmware download file |
| Release_Notes_10.6.248.0.pdf | 10.6.248.0 | This document |

Changes from Firmware Version 10.6.206.5

1. Fixed a defect that resulted in an uncorrectable error during FCoE I/O stress test with switch port bounce. (BZ 177613)
2. Fixed a defect that resulted in an uncorrectable error when the iSCSI connection count on a port exceeded 512. (BZ 179340)
3. Fixed a defect that resulted in incorrect VLAN behavior. (BZ 182374)
4. Fixed a defect that resulted in the maximum number of supported VPIs being reported incorrectly. (BZ 182806)
5. Fixed a defect that resulted in incorrect link status being reported for some virtual functions. (BZ 182950)

6. Fixed a defect that caused the COMMON_READ_TRANSCEIVER_DATA and LOWLEVEL_QUERY_SFP_SIGNALS mailbox command completion times to be excessive. (BZ 183024)
7. Fixed a defect that resulted in the incorrect MAC address being reported over LLDP. (BZ 183202)
8. Fixed a defect that caused the COMMON_READ_TRANSCEIVER_DATA mailbox command to not return any EEPROM data if an invalid or unsupported transceiver was installed. (BZ 183810)
9. Fixed a defect that caused an incorrect value to be logged for maximum multicast MAC addresses when SRIOV is in use. (BZ 184352)

Known Issues

1. Connection invalidations observed during ocs_openiscsi I/O stress test. (BZ 181085)

Technical Tips

For more information, see the following Emulex reference documents:

- *SLI-4 Architecture Specification*
- *SLI-4 FC and FCoE Command Reference*
- *SLI-4 iSCSI Command Reference*
- *SLI-4 Networking Command Reference*

Note: The SLI-4 commands implemented by this firmware are a subset of the commands documented in the above specifications.

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