

NEOxl 80 Firmware Version 2.80 Release Announcement

May 2019

Preface

This Product Information Bulletin announces the release of NEOxl firmware version 2.80 for all NEOxl 80 libraries.

Models Affected

NEOxl 80 firmware version 2.80 is supported as an upgrade for NEOxl 80 libraries running NEOxl 2.60.

Upgrade Considerations

All systems running firmware version 2.60 can be upgraded to firmware version 2.80.



CAUTION: To prevent data corruption, verify that all active backup and recovery jobs to the NEO tape library are completed prior to performing the upgrade.

Downgrades

Downgrades are not supported.

NEOxl 80 2.80 New Features

Description	Severity
Improved text for Basic Partition Wizard.	Moderate
SMTP - show the same values in system log as in UI.	Moderate
Improved recovery process for incorrect inventory.	Moderate
Improved KMIP status reporting.	Minor
RMI: Update Drive Firmware - Add a notice when no online drive is in the library.	Moderate
Enhance error reporting for KMIP SSL handshake.	Moderate
Update PHP to 7.3.3 because of security issues.	Moderate

NEOxl 80 2.80 Fixed Issues

Description	Severity
RMI: When drive port type is set to fabric, the behavior of the addressing mode setting is inconsistent.	Moderate
To Email Address entry field allows you to enter and save invalid characters.	Moderate

Description	Severity
Load Cartridge Type-M label (Ultrium7 formatted) to LTO-8 drive doesn't turn on the Attention LED.	Moderate
Media errors not shown in list view while media loaded to drive.	Moderate
Load Cartridge Type-M label (Type M formatted) to LTO-7 drive does not turn on the Attention LED.	Moderate
Configuration > Media Barcode Compatibility Check Page: Incorrect text note.	Moderate
Incorrect Partition value on Update Drive Firmware page.	Moderate
Event 4110 - Drive disabled due to an incompatible Drive Power Board (after upgrade to Version 2.60).	Serious
OU is not included in Subject of custom certificate.	Serious
SSL/TLS: Diffie-Hellman Key Exchange Insufficient DH Group Strength Vulnerability.	Moderate
Fixes Microsoft DPM - drive cleaning test fails.	Moderate
Password Rules: Locked User can login if another user changes the Password Rules to not lock out.	Moderate
Fixes potential OCP Connection Lost message (Forbidden access CSRF Token).	Moderate
Fixes OCP condition where no screen saver appears.	Moderate
In case OCP was logged out during Login at RMI as Service Event "9016 - A User logged out at the OCP interface" is missing.	Moderate
Fixes issues where OCP shows boot screen permanently.	Moderate
Main Unit FW Revision is not updated on FW upgrade.	Moderate
LDAP Issues with using user names with parentheses.	Moderate
Alignment of OCP Drive Status need to be adapted.	Moderate
TLS/SSL Birthday attacks on 64-bit block ciphers (SWEET32) ssl-cve-2016-2183-sweet32.	Moderate
Potential Security Vulnerability - 1 issues for OpenSSL (CVE-2018-0732).	Moderate
Primary ports still disabled after drive FW upgrade by SCSI CR 11311.	Moderate
Host name in Email notification is different to Real Hostname.	Moderate
Slider Blocked occurred during rescan after magazine reinsertion causing scanning not completed without any error indication.	Serious
When SMTP test mail sending fails, SMTP settings seem to be changed, but they are not actually changed.	Moderate
Backup Custom Certificate fails with the message "Internal software error".	Moderate
RMI and OCP report different drive encryption status.	Moderate
OpenSSL (CVE-2018-0734) - Timing vulnerability in DSA signature generation.	Moderate
CVE-2019-5489 - Page Cache Attacks to Linux Kernel.	Moderate
CVE-2018-20679 - BusyBox Out of Bounds w/udhcp.	Moderate
RMI: The state of drive is Idle during drive initialization.	Moderate
Downloading Drive Dump can result in library hang.	Serious

Downloads

NEOxl 80 firmware version 2.80 is available for download for supported NEO users with active software entitlement agreements. Go to the Overland-Tandberg Customer Support Portal by navigating to the Manage Products page: <http://support.overlandstorage.com/support/neo-series.htm>.

Additional documentation on how to operate, configure, and support your NEO library is also available there.