

NEOs Series® Firmware Version 5.10 Release Announcement

December 2015

Preface

This Product Information Bulletin announces the release of NEOs Version 5.10 for all NEOs Storageloader, NEOs T24, and NEOs T48 libraries, which adds support for LTO7 drives.

Models Affected

NEOs Version 5.10 is supported as an upgrade for NEOs libraries running NEOs 5.00.

Upgrade Considerations

All systems running NEOs 5.00 can be upgraded to NEOs 5.10. It is recommended that a system backup be completed prior to performing the upgrade.

Downgrades are Not Supported

NEOs release downgrades are not supported.

NEOs 5.10 New Features

Description	Severity
Drive diagnostic page has been reworked. Now also accessible with admin level login to support pulling drive tickets from that level.	Moderate
Make bar code label reporting for host configurable over RMI.	Moderate
Support for IBM LTO7 drives added.	Moderate

NEOs 5.10 Fixed Issues

Description	Severity
Fix length checks in X509_cmp_time to avoid out-of-bounds reads. Tighten X509_cmp_time to reject more than three fractional seconds in the time, and to reject trailing garbage after the offset. CVE-2015-1789.	Moderate
Weak ciphers removed to fix SSL3 issue using Firefox.	Moderate
Relevant ciphers for Logjam issue removed to fix potential security vulnerability CVE-2015-4000.	Serious

Description	Severity
Length check added to “dump trace to file” function to avoid writing beyond the available buffer size. Additional break condition added to prevent endless loop during pulling logs.	Serious
Save DPA to USB reworked to avoid system halt when the system gets frozen when download library dump to USB on OCP	Serious
Now showing correct drive firmware revision during upgrade over USB in case of IBM drive	Moderate
In case drive is disabled, all other items besides Status will be faded out on Drive Status Screen	Moderate

Downloads

NEOs Series Firmware Version 5.10 is available for download for supported NEO users with active software entitlement agreements. Go to the Overland Storage Customer Support Portal by navigating to the Manage Products page: <http://docs.overlandstorage.com/neo>

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