

NEO 100s Library Firmware Update Release Announcement

June 2017

Preface

This Product Information Bulletin announces the release of the NEO 100s library firmware version 0071.2000. It is an upgrade from version 0035.2000.

Models Affected

This update applies only to the NEO 100s tape library.

Changes and Enhancements

The following list of bugs were resolved with the release of the 0071.2000 firmware:

- Delay of Move Medium command (to move cleaning cartridge to drive) being reported as complete to the host.
- DHCP enabled, but library does not always pick up an IPv4 address.
- 1U uses only cartridges of Tier 1 if the slot addresses of cleaning deep cell are reversed with auto clean enabled.
- The remaining cleaning count and the error information of any cartridge in magazine are reset once I/O station opens.
- Library does not log error code 0x0010 when library is unable to get IP address from DHCPv4 server.
- Incorrect GUI Library State.
- Web-hang problem—TCP connection cannot get reused after it receives SYN from client on SYN-RECEIVED and aborts.
- The user may not use old Java applet after loading new 1U firmware.
- Added some error retries to the process for getting time by NTP.
- Changed the dialog message for when user uses unsuitable version of Java applet.
- Changed SHA-1 hash to SHA-256 for Java Applet and SSL used on Web GUI.
- Added the ability for a customer to upload customer's own SSL server certificate.
- Fixed Common Weakness Enumeration (CWE).
- Fixed BUF for HTTP issue that led to WEB loss.
- Fixed Network Error pop-up that does not go away after clicking OK.
- Fixed Java Applet Behavior Change.
- Fixed GUI error message on importing certificate.

- Fixed Help context update for supported certificate and private key formats.
- Fix to increase certificate store buffer.
- Fixed the issue that 1U library state is offline after loading incompatible drive code.
- Fixed the issue that the Library state remains in failed after using incompatible tape for Normal RW test.
- Fixed SSL negotiation process errors.
- Fix to address ClassNotFoundException of Java.
- Removed 3DES cipher from web connections.
- Fixed issue where numbers in the first character of the domain name for SMTP sender addresses were not allowed.

Previous Changes and Enhancements

The following list of bugs were resolved with the release of the 0035.2000 firmware:

- Fix for POODLE Security Vulnerability CVE-2014-3566.
- Fix for Security Vulnerability CVE-2014-3568.

The following list of bugs were resolved with the release of the 0023.2000 firmware:

- IBM LTO-6 Half-height tape drive support.
- Prevent medium removal, wrong info on OP Pane.
- Update Cartridge Encryption Status on Web Management Interface.
- KPD should not run if tape drive has a cartridge loaded.
- Modified Key Path Diagnostics to report ping problems.
- Remove hidden login ID/password for Web Management Interface.
- Add magazine unlock function via Web Management Interface.

Downloads

The 0071.2000 firmware is available for download for supported NEO S-series 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.