

NEO[®] Firmware Version 5.00.2.50n Release Announcement

August 2015

Preface

This Product Information Bulletin announces the release of new firmware for the NEOs 1U StorageLoader, the NEO T24, and the NEO T48, Version 5.00 2.50n (OVERLAND_BL1_R_5_00_2_50n.fbi). The previous version for the 1U was 4.93; the previous version for the T24 and T48 was 4.94.

Models Affected

NEOs 1U Storage Loader, T24, and T48

Upgrade Considerations

- All 1U StorageLoader systems running version 4.93 should upgrade to the new 5.00 Release.
- All T24 and T48 systems running 4.94 should update to the new 5.00 Release.

It is recommended that a system backup be completed prior to performing the upgrade.

1U StorageLoader Fixed Problems

DDT No.	Description	Solution
16066	While mailslot is a "Source" slot, open mailslot and insert a tape into it, "Source" still shows "I/O Station n" in Monitor Library Inventory.	"Source" shows N.A. when it is full on inventory page.
17004	IBM LTO4 HH FC V2 Drive should not support speed "1GB/s"	1GB/s removed from drop down list for LTO4 v2 FC drives
16588	Drive link status is wrong on OCP	Cannot recreate this issue with release code (4.90/2.50n)
16682	The drive communication error code is different between OCP and RMI	Correct drive communication error code on RMU quick status page
16567	The WWPID of Port A should be in front of Port B	Correct the sequence of the menu entries for the drive identity page, the 'Port A WWPID' is shown in front of the 'Port B WWPID'.
16590	We can find the drive temperature on OCP for IBM drive	Doesn't show drive temperature for IBM drive.
16175	Drive unplug\plug problem - library reported the drive as ready.	Drive activity shows as unknown and port shows as logged out on RMI drive status page in case there is a drive error happened.

DDT No.	Description	Solution
16599	15 Character label will not fit to RMU Inventory graphic	Expend full slot table cell in inventory page.
16624	IBM drive speed can be configured to 1Gb/s by OCP and RMI	It is not allowed to configure 1Gb/s for IBM LT05/6 FC Drive
16594	Loop ID is provided in 1U OCP Drive Status even P to P is selected	Loop ID should not provide when set drive topology as point to point.
16983	Gripper issue during move to drive	Elevator is now move up to correct drive position prior moving the sled towards the drive.
16989	6 new OpenSSL Security Issues officially announced [05 Jun 2014]	Patch from Mentor fixes SSL/TLS MITM vulnerability (CVE-2014-0224)
17036	IGMP Remote Denial of Service Vulnerability	Pointer validation added avoid IGMP DOS vulnerability
17000	Port B was shown for IBM LTO4 HH SAS drive(But it has only a port)	Port count set to 1 for IBM HH SAS driver lower Gen5
16626	SNMP cannot be enabled if only Target 1 IP address is incorrect	Target should be saved as long as the address is correct.
17034	OpenSSL POODLE Issues (CVE-2014-3566)	SSLv3 support removed

T24 Fixed Problems

DDT No.	Description	Solution
13537	Enabling Extended Mode still available after customizing unit as Default Numbers of License Free magazine to 1	Extended mode should be hide on OCP configuration page when all slots not active.
16066	While mailslot is a "Source" slot, open mailslot and insert a tape into it, "Source" still shows "I/O Station n" in Monitor Library Inventory.	"Source" shows N.A. when it is full on inventory page.
16175	Drive unplug\plug problem - library reported the drive as ready.	Drive activity shows as unknown and port shows as logged out on RMI drive status page in case there is a drive error happened.
16682	The drive communication error code is different between OCP and RMI	Correct drive communication error code on RMU quick status page
16267	P to P or N-Port; different calling in OCP Information Drive Identity menu	Correct Drive Topology text in OCP Information drive Identity menu. Test report attached.
16574	"Drive Sled Miss" is an error on OCP	Change "drive sled miss" and "no drive inst." to be warning message.
16601	The PID of the SAS drive not display entirely on OCP	Drive PID completely show on OCP.
16626	SNMP cannot be enabled if only Target 1 IP address is incorrect	Target should be saved as long as the address is correct.
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17034	OpenSSL POODLE Issues (CVE-2014-3566)	SSLv3 support removed

T48 Fixed Problems

DDT No.	Description	Solution
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16066	While mailslot is a "Source" slot, open mailslot and insert a tape into it, "Source" still shows "I/O Station n" in Monitor Library Inventory.	"Source" shows N.A. when it is full on inventory page.
16175	Drive unplug\plug problem - library reported the drive as ready.	Drive activity shows as unknown and port shows as logged out on RMI drive status page in case there is a drive error happened.
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Software Compatibility

Software	1U Storage Loader	T24 Compatible	T48 Compatible
IBM Gen6 Drive Firmware ADI	yes	yes	yes
IBM Gen5 Drive Firmware ADI	yes	yes	yes
IBM Gen4 Drive Firmware ADI	yes	yes	yes
IBM Gen3 Drive Firmware ADI	yes	yes	yes
HP Gen6 Drive Firmware ADI	yes	yes	no
HP Gen5 Drive Firmware ADI	yes	yes	no
HP Gen4 Drive Firmware ADI	yes	yes	no
HP Gen3 Drive Firmware ADI	yes	yes	no
HP Gen2 Drive Firmware ADI	yes	yes	no

Downloads

NEOs Firmware Version 5.00 2.50n is available for download for supported NEOs 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-series>

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