



Quantum SuperLoader 3 V91 Release Notes

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| Product | SuperLoader 3 V91 Firmware |
| Date | November 2014 |

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Purpose of This Release

This document describes the changes for the V91 release of SuperLoader 3 firmware since the release of V86. Visit <http://www.quantum.com> for additional information about the SuperLoader 3 and previous releases.

General Information

The Superloader firmware consists of proprietary firmware that does not include any Open Source Software (OSS) components; however, installed LTO tape drives may include OSS components.

Although all firmware included OSS components may be copied, distributed, and/or modified in accordance with the terms and conditions of their respective license(s), some OSS components require disclosure of all license terms and some OSS components may even require that OSS source files be made available upon request per their respective and applicable license terms. Therefore, to view a complete listing of respective OSS and applicable OSS license information included in LTO tape drives, as well as instructions to obtain source files pursuant to applicable license requirements, please reference the Tape Automation disclosure listings under the Open Source Information link at www.quantum.com/support.

New Features and Enhancements

The SuperLoader 3 V91 Firmware release includes:

- IBM LTO-4, LTO-5 and LTO-6 drive support
- Added telnet command to clear IBM drive logs, specifically FSC error codes
- Resolved issues to the previous release (see [Resolved Issues](#) on page 2)

Cautions and Warnings

System

The following are cautions and warnings for the system:

- It is necessary that the unit be properly mounted in a rack or sitting flat on a hard surface with support under the entire unit.
- When power cycling the unit, please wait 10 seconds before powering it back on.

Drivers

For systems using Netbackup 7.5 on Windows OS, the Quantum LTO driver 3.6.4 or newer is required.

Resolved Issues

This release of SuperLoader 3 V91 has no resolved issues.

| PCR Number | Description | Resolution |
|------------|-------------|------------|
| | | |
| | | |

Known Issues

This release of SuperLoader 3 V91 firmware has the following known issues.

| PCR Number | ATLca Number | Description | Workaround |
|------------|--------------|---|---|
| 40856 | | A Microsoft feature can keep a user from seeing the complete file path when updating drive or loader firmware over the On-board Remote Management interface. This can occur with Internet Explorer 7.0 or higher. This problem will display the text "fakepath" in the file path for the firmware being downloaded and installed. | To see the full file path, enter the Internet Explorer Toolbar location: 1 Tools > Internet Options > Security > Custom Level > Include local directory path when uploading files to a server. 2 Click the Enable button. 3 Click OK , then Apply , and finally OK to set this new setting. 4 You should be able to see the full path name on the RMU for the firmware file being downloaded. |
| 18376 | | When using Red Hat 5.1, Firefox 1.5.0.12 or other browsers may not be able to connect to the SuperLoader 3 system. | This is caused by the operating system itself directing network traffic to a virtual network interface. The failure is intermittent. RH 5.0, RH4.0 and other operating systems work fine. |

| PCR Number | ATLca Number | Description | Workaround |
|------------|--------------|---|---|
| 18216 | | With an existing static site local IPv6 address set, when setting the IPv6 address to a new site local address that is the same as the current router-assigned site local address the new address is rejected without giving the user an error message that the address was rejected. Also, when the new address is rejected, the prior old static site local address is removed from the "Current Network Parameters" section on the Configuration page and is no longer functional. | To restore this site local connectivity, either clear the IPv6 address from the RMU field and submit or enter a non-router-assigned address value. |
| 18052 | | On the RMU's Configuration page of LTO3 HH SAS and LTO4 HH SAS systems, when the user enables or disables the SAS Transport Layer Retries (TLR), the user is requested to power cycle the system. After power cycling, the user may be unable to connect a browser to the system if it is configured to use DHCP address assignment. | If this is the case, one can use the OCP's Status->Ethernet screen to check the IP address; it may be 0.0.0.0. If this is the case, simply power cycle the system to recover the IP address. |
| 17957 | | On the RMU page, Configurations->Security, under the heading "Client Authorization Control," be sure that any IP address values that are entered contain valid characters. | If not, the invalid characters will simply be ignored, and the remaining valid characters will be taken as the IP address. There will be no warning given to the user. This may or may not produce intended results for the user. |
| 17917 | | When using Internet Explorer 7 on Windows Server 2008, to upload error logs, be sure to configure IE7 by: <ul style="list-style-type: none"> • Selecting the menu option "Tools -> Internet Options," Security tab. • Press "Custom Level" and set the Downloads "File download" option to Enable. | |
| 17902 | | When changing the barcode scanner configuration on the OCP, the user is not immediately notified that a power cycle is required. | The user must hit the ESC key to get to the top level before the message is displayed. (However, until the user power cycles, active operations from the OCP are not allowed.) |
| 17894 | | When using a browser on Windows Server 2008, occasionally HTML text appears on the Web page. This text appears in the Status pane and on the main pages, usually during the auto-refresh. | Refreshing the browser remedies the issue. |

| PCR Number | ATLca Number | Description | Workaround |
|-----------------|--------------|--|---|
| 17874 | | When using Windows Server 2008, on the Configurations/Security page under "User Administration," if a user of type "Operator" is created, there will be problems when this user tries to log back to the system using Internet Explorer 7. The problem only occurs with this combination of browser and operating system. This occurs when the user opens a new browser. The user is presented with a login screen, and the login attempt will fail. | To workaroud this, cancel the login window, and select a page that does have operator access, such as the Command page. The login will succeed. |
| 17488, 17487 | | For the S4 FC drive with firmware version V41, the host computer's QLogic FC driver version 9.1.4.15 or later must be used. The driver version 8.2.0.10 has problems during writing of a file mark. | |
| 4564 | | When performing a firmware update of the autoloader system code over the RMU, do not use the combination of the Firefox browser on the Vista operating system. | The update can fail, but will not adversely affect the operation of the system. This has been observed using V43 and later versions. Tech Bulletin 6-01828-07 "SuperLoader 3 Firmware Update Fails with Firefox on Windows Vista" has been issued. The IE7 browser on Vista works without problem, and Firefox on Win 2003 works without problem. Other combinations of browsers and operating systems may be fine. |

Documentation

The following documents are currently available for the Quantum SuperLoader 3.

| Document Number | Document Title |
|-----------------|--|
| 81-81317-xx | SuperLoader 3 User's Guide |
| 81-81313-xx | SuperLoader 3 Quick Start Guide |
| 81-81314-xx | Magazine and Magazine blank Removal/Replacement Instructions |
| 81-81300-xx | SuperLoader 3 Software Interface Guide |

Contacting Quantum

More information about this product is available on the Service and Support Website at www.quantum.com/support. The Service and Support Website contains a collection of information, including answers to frequently asked questions (FAQs). You can also access software, firmware, and drivers through this site.

For further assistance, or if training is desired, contact Quantum:

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| Quantum Technical Assistance Center in the USA: | +1 800-284-5101 |
| For additional contact information: | www.quantum.com/support |
| To open a Service Request: | www.quantum.com/esupport |

For the most updated information on Quantum Global Services, please visit: www.quantum.com/support