RDX® QuikStation® Firmware Version 03.003.00 Release Announcement

October 2024

Preface

This Product Information Bulletin announces the release of the new RDX QuikStation firmware version 03.003.00. This replaces all previous versions for both QuikStation 4 and QuikStation 8.

Models Affected

Use this RDX QuikStation firmware version 03.003.00 with both QuikStation 4 and QuikStation 8 models.

> 🛈 **IMPORTANT:**
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> If you are upgrading from versions prior to 02.005.02, refer to the **RDX QuikStation Firmware Update Procedure** in the [RDX Firmware Links & Release Notes](#) section of the Overland-Tandberg Knowledge Base.

New Firmware Version 03.003.00

Changes and Enhancements

iSCSI CHAP and Access Control Fixes: Issues with preserving iSCSI CHAP users and initiator access control lists for Logical Volumes, RAID Protected Volumes, and VTL across system restarts and volume ejects have been fixed. It is strongly recommended that customers using CHAP and access control features upgrade to Release 3.3.0. After upgrading, users should verify and, if necessary, reconfigure CHAP users and allowed initiator IP addresses.

QuikStation-8 Version-2 and Version-3 Only: : A USB instability bug had caused the management interface to hang, most frequently during eject operations. This issue has been resolved. It is strongly recommended that all QuikStation-8 v2/v3 users upgrade to Release 3.3.0 to avoid this issue.

Optimized Logical Volume Health Check: Logical Volume health checking has been optimized to reduce drive wear and prevent incorrect traffic LED flashing.

Previous Firmware Version 03.002.02

Changes and Enhancements

Addressed a condition where snmpwalk could timeout.

Support for manual QuikStation HSM '[H]eadless [S]ecure [M]ode' operation.

Enhanced system efficiency by optimizing SMART drive data polling, thereby mitigating the risk of potential premature drive failures.

Addressed a connectivity issue where utilizing an unencrypted SMTP server on the default port (port 25) and attempts to use SSL/TLS for sending email notifications were unsuccessful. The update ensures SSL connections are confined to port 465, while TLS connections now seamlessly support the default port 587 or any alternative port.

Substantial enhancements have been implemented for RDX cartridge error handling and isolation, elevating the overall reliability and performance.

Previous Firmware Version 03.002.01

Changes and Enhancements

Addressed a condition with media detection for 8TB SSD Cartridges.

Resolved an issue where, in some conditions, a QuikStation 8 system doesn't retain changes/updates upon reboot.

GUI translation fixes for Japanese, French, and German system debug options panel.

Fix to address missing Quikstation 8v3 power supply status information causing false system warning state.

Previous Firmware Version 03.001.00

Changes and Enhancements

This release contains a large number of fixes for stability and reliability. All QuikStation 4 and QuikStation 8 deployments would be expected to benefit from upgrading, and an upgrade at the earliest opportunity is strongly recommended. Overland-Tandberg Support will require an upgrade to this QS FW Release before engaging in extensive diagnosis or troubleshooting, because it is highly likely that known issues in the field will be addressed with this release.

Previous Firmware Version 02.009.03

Changes and Enhancements

Bug fixes and enhancements, specifically in the area of VTL and large media.

Previous Firmware Version 02.009.02

Changes and Enhancements

Added SNMP error notifications and device monitoring functionality.

Previous Firmware Version 02.009.01

Changes and Enhancements

Numerous bug fixes to improve the stability of the firmware including a fix for the occasional 76-day GUI hang due to VTX conflicts with the computer OS.

> **ⓘ IMPORTANT:**
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> It is highly recommended that all RDX QuikStations be updated to this firmware version to prevent the occasional hang.

Previous Firmware Version 02.009.00

Changes and Enhancements

A new level of security is introduced using tighter password controls. Because the login password is not initially set, the first time the user logs into the RDX QuikStation they are required to create a new, uncommon Administrator's password that meets these requirements:

- It must be between 12 to 30 characters in length.
- The password can contain only letters (case sensitive), numbers, and any of these 14 characters:
  - . , ! @ # $ % ^ & * _ " "
- Password is allowed only if it is uncommon and meets certain complexity minimums.

After the password is entered, it becomes the password for the Admin account and can also be used for console access via the serial port or VGA.

Previous Firmware Version 02.008.00

Changes and Enhancements

Resolve cosmetic issue related to log "/dev/sdX: open failed: No medium found" printed on the terminal in some configurations.

Add tape emulation modes Storage Loader LTO and Storage Library T24 to the QuikStation 4.

Previous Firmware Version 02.007.01

Changes and Enhancements

Resolve an issue which caused the Remote Management Interface (RMI) to be inaccessible after some period of inactivity, requiring a reboot.

Previous Firmware Version 02.007.00

Changes and Enhancements

Added email and LED warning alerts for RDX QuikStation dock and RDX cartridge-related issues.

Added configuration support for the SMTP server port number.

Fixed an issue that prevents automatic reboot in crash scenarios when logging partition is full.

Fixed dock serial number in Disk Configurations to remove semicolon and match specifications.

Fixed issues causing kernel panics in Veeam and other backup scenarios using tape mode backup.

When a complete set of RDX-protected volume cartridges are inserted into a QuikStation 4 or QuikStation 8, the protected volume is now imported automatically.

Previous Firmware Version 02.006.01

Changes and Enhancements

Changed the 10-character serial number for each dock to include the QuikStation serial number to eliminate drive letter mapping issues.

Fixed an issue where RDX docks disappeared or were not present in the Web Management Interface in failure scenarios.

Created a crash dump kernel configuration.

Fixed the MTU value display refresh failure.

Previous Firmware Version 02.005.02

Changes and Enhancements

Improved functionality and error recovery during system hang conditions.

Enhanced error logging capabilities to provide better information for problem resolution.

Change RDX QuikStation GUI and Help Screens from "Tandberg Data" to "Overland-Tandberg."

Resolved issue of the command "ip addr" displaying the wrong MTU value.

EULA displayed when configuring a QuikStation for the first time.

More Information

For information on RDX QuikStation appliances and other Overland-Tandberg products, visit our Knowledge Base. Product Manuals and other documents can be found in the RDX Manuals and Guides space.