



Quantum Scalar i6 Release Notes

Product	Scalar® i6
Firmware Version	140G.GS166 (i2)
Supported Web Browsers for WebGUI	Firefox Chrome
Date	August 2017

Contents

Purpose of This Release	2
New Features and Enhancements	2
General Information	2
Security Scanners	4
Compatibility and Support	4
Resolved Issues	5
Known Issues	6
Documentation	6
Contacting Quantum	7

Purpose of This Release

The Scalar i6 i2 (140G.GS166) release includes new features and enhancements as well as any [Known Issues](#) that could be experienced when using this firmware release. The release also details bug fixes described in the [Resolved Issues](#) section.

New Features and Enhancements

This release includes the following new features or enhancements:

- Integration of the new Scalar iBlade. The new iBlade is available in two (2) solutions:
 - **Scalar LTFS iBlade** - provides customers with an integrated solution that is used as an LTFS/NAS appliance
 - **Veeam Tape Server iBlade** - provides customers with a converged backup solution
- Enabled library remote service logon to be available at all times
- Support for IBM SKLM encryption key management
- Improved barcode scanning and time zone support

General Information

- Some snapshots, logs or RAS tickets are as large as 12 MBs. If you have automated notifications configured for RAS tickets and logs you may not receive them if your email does not allow attachments of this size.
- To help maintain system integrity and for marketing purposes, Quantum regularly collects system information through automatic emails (telemetrics). These emails contain configuration and status information only, and do not contain any customer data stored on the system. See [WebGUI Default Settings](#) for information on how to disable telemetrics.
- The Web client places a cookie on the user's computer to provide the last user's credentials upon login. The cookie only collects the user's credentials to facilitate login, and does not collect any other user data.

WebGUI Default Settings

Scalar i6 software is installed with certain default settings. This section outlines those default settings. Review this section to determine if any of the default settings need to be changed to make your library run more effectively.

WebGUI Path	Option	Default Setting
User Access > Settings	Local User Interface (LUI) Access	Open Access
	Admin/User Access: Session Timeout	15 minutes
	Services Access: Enable Remove Access	Indefinite
	Enable Local Service Port Login: Access Window	Indefinite
Notifications > RAS Tickets	Enable RAS Tickets	Enabled
	Severity	All options enabled
Notifications > Reports	Scalar Telemetrics	Once you have an email server configured, telemetrics is enabled for monthly automatic emails. To disable, click the Trash icon.
Library > IE Area	I/E Slots	0 (zero)
Library > Settings	Operational Parameters: Automatic Inventory	Enabled
	Operational Parameters: Library-Assisted Drive Unload	Disabled
	Operational Parameters: Logical Drive Serial Number Addressing	Enabled
	IE Assignment Mode: Local UI Assignment	Enabled

Security Scanners

Quantum runs the following Security scanners against the library:

- Nessus Professional v. 6.8.1

Compatibility and Support

Encryption Key Management Drive Support

Encryption Option	IBM LTO-6 (FH)	IBM LTO-7 (FH)
Application Managed Encryption	Supported	Supported
SKM	Requires SKM License	Requires SKM License
KMIP Key Manager ¹	Requires EKM License	Requires EKM License
¹ - Only SafeNet, IBM SKLM and Thales encryption key servers are supported KMIP configurations		

Note: It is recommended that Safenet servers be updated to v8.6.0.

Firmware Compatibility Matrix

The following table shows information on drive compatibility with this release of Scalar i6. This information is current as of this product release. For the most up-to-date information on the latest qualified firmware, please visit: <http://www.quantum.com>.

Drive Types	Minimum Firmware Version ¹
IBM LTO-6 (FC) (FH) 8 Gb	H4T2
IBM LTO-7 (FC) (FH) 8 Gb	H5B2
1. Check with Quantum Support for the latest firmware.	

Software Compatibility

To view a list of backup software packages which have been tested for interoperability with the Scalar i6 Library, see the Quantum Software Compatibility Guide at <http://www.quantum.com/swcompguide.aspx>.

Resolved Issues

This release of Scalar i6 i2 (140G.GS166) firmware has the following resolved issues:

Change Request Number	Service Request Number	Description	Resolution
64458	338459	LDAP is timing out before information could be searched and analyzed completely.	Fixed.
64515	343727	During an install, the library incorrectly generated a RAS ticket indicating a calibration sensor failure. The problem was module attachment screws were not tight enough.	Fixed. The appropriate RAS ticket has been updated to include this as a possible cause as well as steps to troubleshoot and fix this issue.
65139	360119	After creating an Active Vault partition, COD slots were affected and slots could not be assigned.	Fixed.
61835		When selecting a partition to apply control path functionality, secondary drives selections are incorrectly available.	Fixed.
62109		When setting up a new partition, typing in the number of drives generates a 'Warning insufficient Drive resource' error.	Fixed.
62147		When performing a 'Partial' Installation Verification Test, it will incorrectly scan all magazines in the library instead of just the magazines in the selected modules.	Fixed.
55289		The 24-hour option in Date/Time settings is not currently available.	Fixed.

Known Issues

This release of Scalar i6 i2 (140G.GS166) firmware has the following known issues.

Change Request Number	Service Request Number	Description	Workaround
61245		When running a Drive Assembly Test, selecting multiple drives does not ensure all drives are tested.	Select a single drive at a time and run the test.

Documentation

The following reference documents are currently available for the Scalar i6.

Document Number	Document Title
6-66532-xx	Scalar Key Manager Quick Start Guide
6-66531-xx	Scalar Key Manager User's Guide
6-66572-xx	Scalar Key Manager Safety Information by IBM
6-66535-xx	Scalar Key Manager Open Source License Agreement
6-68531-xx	SNMP Reference Guide
6-00423-xx	SCSI Reference Guide
6-68185-xx	Web Services API Guide
6-68120-xx	muCommander - Quantum Edition User's 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:

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/osr

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

