

Quantum[®]

Release Notes

StorNext 4.7.0 G300 Gateway Appliance



Quantum StorNext 4.7.0 G300 Release Notes, 6-67620-09 Rev A, August 2013, Product of USA.

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StorNext G300 Gateway Appliance 4.7.0 Release Notes

Purpose of this Release

The StorNext G300 Gateway Appliance combines industry-proven Quantum hardware and StorNext software into one convenient, out-of-the-box solution. The StorNext G300 Gateway Appliance operates as a SAN Client in a StorNext Metadata Network, providing LAN client access to the StorNext SAN.

Your StorNext G300 Gateway Appliance has been pre-installed with StorNext software and is ready to operate with a minimum of additional configuration provided at time of installation.

The complete list of documentation for the Gateway Appliance can be found here:

<http://www.quantum.com/sngatewaydocs>

StorNext 4.7.0 is a new release of StorNext software. The complete list of documentation for StorNext 4.7.0 can be found here (click the "Select a StorNext Version" menu to view the documents for that version of StorNext):

<http://www.quantum.com/ServiceandSupport/SoftwareandDocumentationDownloads/SNMS/Index.aspx?whattab=Fourth>

StorNext Prerequisites

Because the StorNext G300 Gateway Appliance operates within the StorNext MDC Network, StorNext Metadata Controllers (MDCs) must be running StorNext 4.7.0 at a minimum for proper operation with the G300. Upgrade the StorNext MDC software as necessary.

Fixed Issues

[Table 1](#) lists the fixed issues for all StorNext Appliances in this StorNext Release:

Table 1 Fixed Issues

Appliance Affected	CR Number	SR Number(s)	Description
All	31644	N/A	The StorNext Online Help has been updated to include information about the Gateways and Firmware in tabs located on the Help > About page.
	33418	N/A	Fixed an issue preventing login to the user interface after a change to the timezone.
	33557	N/A	Applied consistent formatting to online help.
	33740	N/A	Added an <code>/etc/multipath.conf.quantum</code> file as example for various array configurations.
G300	33230	N/A	Updated RAS tickets and alerts to more clearly specify certain hardware failures.
	33855	N/A	Fixed an issue where gateway metric may stop updating.
	28077	N/A	Fixed an issue where time was not updated properly via NTP server pools.
M330 only	33778	N/A	Updated operating system to CentOS 5.9.
M660, M440 and M330	31894	N/A	Fixed an issue where licensing totals and limits were not always correctly displayed in the user interface.
	32999	N/A	Metadata array firmware updated to 10.84.
	33441	N/A	Updated RAS tickets to identify MDC node for power supply failures.

Known Issues

[Table 2](#) lists known issues that are specific to StorNext File System.

Table 2 Known Issues

Operating System	CR Number	SR Number	Description	Workaround (if applicable)
Linux	27726	n/a	When a G300 Ethernet connection that uses an HP twinaxial copper cable is hot plugged the connection may not restart automatically.	Avoid using HP twinaxial copper 10G Ethernet cables in point to point or switched installations. Avoid hot plugging HP twinaxial copper 10G Ethernet cables to the G300. If you must do so, disconnect and re-connect the cable at the end opposite the G300. Reboot the G300 if it does not re-start automatically.
All	27986	n/a	SNFS may not re-start on a gateway if a file system is deleted from the MDC before being removed from the gateway.	To prevent this: <ol style="list-style-type: none">1. Stop all I/O on the clients.2. Unmount the file system on the clients.3. Deselect the file system on the gateway, update the FS name list, and activate the new settings on the gateway.4. Remove the file system on the MDC.

Contacting Quantum

More information about this product is available on the Quantum Service and Support website at www.quantum.com/ServiceandSupport. The Quantum 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 Global Services:

Quantum Technical Assistance Center in the USA	+1 800-284-5101
EMEA	00800 7826 8888 49 6131 3241 1164
For additional contact information	www.quantum.com/ServiceandSupport
To open a Service Request	www.quantum.com/osr

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