StorNext G300 Gateway Appliance 4.3.1 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. Your StorNext G300 system hardware has been pre-installed and is ready to operate with a minimum of additional configuration provided at time of installation.

The complete list of documentation for the StorNext G300 Gateway Appliance can be found here:

http://www.quantum.com/ServiceandSupport/
SoftwareandDocumentationDownloads/G300/Index.aspx?whattab=Third

StorNext 4.3.1 is a new release of StorNext software. The complete list of documentation for StorNext 4.3.1 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

You must upgrade to StorNext version 4.2.1.0.1 or later before configuring or upgrading the StorNext G300 Gateway Appliance.

Dependencies

Due to StorNext architecture, shutting down a Gateway, for any reason, can cause temporary operational problems such as limited file access and overall performance degradation. Make sure to keep your Gateway online as long as active Distributed LAN clients are connected to it. Once your Gateway is running again, performance will return to normal.

Gateway Terminology

For the purposes of this document, we will use the following terminology:

StorNext Gateway Term	Description	Historical Customer-configured Gateway Equivalent Terminology
StorNext Gateway	A StorNext Gateway is a StorNext SAN Client which allows LAN-based client connectivity to a StorNext File System.	Distributed LAN server; Server; LAN server, LAN-based server; DLC Gateway server; Clustered Gateway; DLC Gateway; DLS
StorNext LAN Client	A LAN-connected computer attached to a StorNext Gateway that has shared access to a StorNext SAN.	StorNext DLC; StorNext Distributed LAN Client; StorNext LAN Client
StorNext Gateway Metrics	A performance reporting and monitoring software module for StorNext Gateways.	N/A, newly created for StorNext Gateways

How the StorNext Gateway license is enabled depends on the current configuration:

• The StorNext G300 Gateway Appliance has a "per Gateway" LAN Client license model. This license allows you to add clients without having to purchase additional individual LAN Client licenses.

• For new customers with no existing StorNext components, the license comes from the factory pre-installed and enabled for use with the StorNext G300 Gateway Appliance.

• For customers with an existing StorNext M330, StorNext M660 or customer-configured MDC: If you choose to install the StorNext G300 Gateway Appliance in the same StorNext configuration as a customer-configured gateway, you will be limited to the existing client LAN Client license count.

Note: Unlike other appliances, where the license is populated in the appliance's license.dat file, for the StorNext G300 Gateway Appliance, the license is populated on the gateway server. Also, to determine whether existing StorNext Gateway licenses are enabled, click the **Connected License Gateways** link at the bottom of the associated MDC StorNext license screen.

Known Issues

Table 1 lists known issues that are specific to StorNext File System.

Table 1 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: 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