StorNext G300 Gateway Appliance 4.3.3 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 4.3.3 is a new release of StorNext software. The complete list of documentation forStorNext 4.3.3 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 4.3.3 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
G300	32941	n/a	G30x System Serial Number was not shown on RAS ticket on the MDC. The G30x System Serial Number is now listed right after the name of the G300 system in the RAS ticket on the MDC.
M660	33098	1524898	HA node failover resulted in ping pong SMITH between the two nodes for M660 systems. On reboot now, ping pong does not occur any more.
All Appliances	33099	n/a	Upgrades from pre-4.3.2 were missing raid-strings and deviceparams files in **/usr/cvfs/config**. For Appliances upgraded from 4.3.2 to 4.3.3, files are now located in **/usr/cvfs/config**.
M440	33129	1529052	The M440 **Service Menu** had 3 options to **"Reconfigure MD LUNs"** to 2, 4 or 8 LUNs. These were M330-specific menu options. The extra menu options have been removed from the M440 **Service Menu**.
All Appliances	33137	n/a	Added Dot-Hill array entries to the **multipath.conf** file defaults for CentOS 5 and CentOS 6
G300	33230	n/a	RAS tickets and email attachments contained generic information on the MDC GUI when events were generated from the G300. For G300s upgraded from 4.3.2 to 4.3.3, the G300-specific information is now passed to the MDC.
M660	33309	n/a	M662 showing one of the network port (eth3) as failure when no bonding is configured. The GUI no longer reports that eth3 has failed.

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: 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