Release Notes

Product	StorNext Advanced Reporting 2.0.4
Web Browsers (Remote Web Client)	Any modern Web browser that supports the Adobe Flash Player plug-in 10.x.
Date	August 2012

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About This Release

The Quantum StorNext Advanced Reporting 2.0.4 release runs on StorNext Metadata Controllers (MDCs). StorNext Advanced Reporting combines comprehensive performance data logging with powerful visual reporting and analysis tools to help you identify potential problems and optimize system operation.

StorNext Advanced Reporting 2.0.4 supports Ethernet I/O reporting.

Terminology

For purposes of this document, the term **StorNext MDC** is used for all StorNext Metadata Appliances, such as the M660 and M330, which are treated as a single logical unit. The term **StorNext MDC** also applies to StorNext software running on customer-supplied MDC hardware, and both nodes of StorNext HA systems, which are also treated as a single, logical unit.

Product Features

StorNext Advanced Reporting runs on StorNext MDCs, and continually works in the background to log performance data. To view logged data, use StorNext Advanced Reporting's graphical reports. Reports are available on demand through a Web-based interface. You can check up-to-the-minute system status or view data for any time period since data logging began.

StorNext Advanced Reporting reports let you view and work with a wealth of performance and system statistics, such as the following:

- Ethernet I/O
- Fibre Channel I/O (StorNext Metadata Appliances only)
- CPU load
- File Systems
- Memory

Each report includes two or more graphs. Use the report tools to zoom in on a graph to see just the time period you want to see, or zoom out to see data for a longer time period.

Note: Use StorNext Advanced Reporting 2.0.4 on the StorNext 4.2 MDC. The distributed name server and the distributed data mover (DDM) are not supported by StorNext Advanced Reporting.

Compatibility Matrix

Table 1 provides information about hardware and software compatibility with this release of StorNext Advanced Reporting.

Table 1 StorNext Advanced Reporting Compatibility

Component	Requirement
Quantum StorNext Advanced Reporting Software Version	User Interface version: 2.0.4 Data Collector version: 02.00.01-807
Web Browser (Client)	Any modern Web browser that supports the Adobe Flash Player plug-in 10.x. **Note:** Quantum has tested Advanced Reporting with Microsoft Internet Explorer (7.0 and newer) and Mozilla Firefox (3.6 and 7.0).
Flash Player plug-in (Client)	Adobe Flash Player plug-in 10.x or higher
Supported Storage Devices	• StorNext M660 and M330 Metadata Appliances

Caution: StorNext Advanced Reporting does not support the 64-bit version of the Flash Player plug-in on Linux. Instead, use the 32-bit Flash Player plug-in and a 32-bit browser.

Biosdevname Compatibility

StorNext Advanced Reporting does not currently support enabling the biosdevname naming convention in Red Hat 6.1. System Administrators must disable this feature by passing “biosdevname=0” on the kernel command line.

If biosdevname is not disabled, StorNext Advanced Reporting graphs may not display correctly.

For more information about disabling biosdevname, refer to Knowledge Base article 9915 at this location:

http://cp-quantum.kb.net/display/2/index.aspx?c=&cpc=&cid=&cat=&catURL=&r=0.967271149158478

Downloading and Installing StorNext Advanced Reporting

You can download and install the StorNext Advanced Reporting software on Metadata Appliances from the Quantum Service and Support site:

http://www.quantum.com/ServiceandSupport/Index.aspx

For detailed information about downloading and installing StorNext Advanced Reporting software, refer to the *Quantum StorNext Advanced Reporting 2.0.4 User's Guide* (PN 6-67352).

Known Issues

Table 2 lists issues that are known in StorNext Advanced Reporting.

Table 2 StorNext Advanced Reporting 2.0.4 Known Issues

ID	Description	Workaround
25854	The Self Report's Logging Loop Time chart might not scale correctly on SuSE 10 systems.	There is currently no workaround for this issue.
26289	The **Advanced Reporting** menu option may not appear on the StorNext Tools menu after installing Advanced Reporting.	The workaround is to stop and then restart Web services by doing the following: **1** Log in to the server as root **2** Run `service stornext_web stop` **3** Run `service stornext_web start`

Getting More Information

For the most current documents and training for StorNext, StorNext Advanced Reporting, and StorNext Metadata Appliances, visit the Service and Support section of the Quantum Web site and scroll down the page to the appropriate product:

http://www.quantum.com/ServiceandSupport/SoftwareandDocumentationDownloads/Index.aspx

Additional Notes

Replication Reports Are Not Supported

In this release, replication reports are not supported.

Logging On to StorNext Advanced Reporting

If you cannot access the StorNext Advanced Reporting Login window, launch a supported Web browser on a workstation that has network access to the StorNext system for which you want to view reports6-67355-04, and in the browser address box, type **http://<IP_address>/reports/index.html** where <IP_address> is the IP address of the StorNext MDC, and then press **Enter**.

Contacting Quantum

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

United States	800-284-5101 Option 5 (toll free)
EMEA	00800 7826 8888 (toll free) 49 6131 3241 1164
For additional contact information:	http://www.quantum.com/support
To open a Service Request:	http://www.quantum.com/osr

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