



Release Notes

Product	DXi Advanced Reporting 1.0.1.1
Web Browsers (Remote Web Client)	Any modern Web browser that supports the Adobe Flash Player plug-in 10.x.
Date	March 2011

Contents

Purpose of This Release	2
Product Features	2
Compatibility Matrix	3
Known Issues	3
Documentation	5
Getting More Information or Help	5
Additional Notes	5
Contacting Quantum	6

Purpose of This Release

This release of Quantum DXi Advanced Reporting supports Galaxy 2.0 software on DXi4500 and DXi6500 as well as any DXi platforms running 1.4.x or 1.7.x.

DXi Advanced Reporting combines comprehensive performance data logging with powerful visual reporting and analysis tools to help you identify potential problems and optimize system operation.

Product Features

DXi Advanced Reporting runs on a DXi system and continually works in the background to log performance data.

To view logged data, use DXi 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.

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

- Capacity utilization
- Ethernet and Fibre Channel activity
- Data and system disk activity
- CPU load
- Data deduplication, replication, and space reclamation activities

Compatibility Matrix

[Table 1](#) provides information about hardware and software compatibility with this release of Quantum DXi Advanced Reporting.

Table 1 DXi Advanced Reporting Compatibility

Component	Requirement
Quantum DXi Advanced Reporting Software Version	User Interface version: 1.0.1-20110223-0853 Data Collector version: 01.02.09-125532
Web Browser (Client)	Any modern Web browser that supports the Adobe Flash Player plug-in 10.x. Note: Quantum has tested DXi Advanced Reporting with Microsoft Internet Explorer and Mozilla Firefox.
Flash Player plug-in (Client)	Adobe Flash Player plug-in 10.x or higher
Supported Storage Devices	<ul style="list-style-type: none"> • DXi4500 and DXi6500 running Galaxy 2.0 software • DXi2500-D, DXi6700, DXi7500, and DXi8500 running Galaxy 1.4.x software • DXi3500 and DXi5500 running 1.7.x software

Caution: Quantum DXi 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.

Known Issues

[Table 2](#) lists issues that are known in Quantum DXi Advanced Reporting.

Table 2 Quantum DXi Advanced Reporting 1.0.1.1 Known Issues

ID	Description	Workaround
10194	On the Replication report, the namespace replication completion percentage does not reach 100% even after a replication is completed.	View statistics for the last replication on the Data Services > Replication > Source Role > NAS or VTL tab of the DXi remote management pages.

ID	Description	Workaround
15636	DXi Advanced Reporting no longer logs performance data after upgrading the firmware on a DXi3500 or DXi5500 system.	Reinstall DXi Advanced Reporting on the DXi3500 or DXi5500 system.
15784	If an older version of the DART service tool is installed on a DXi system running DXi Advanced Reporting, no error message is displayed. However, DXi Advanced Reporting no longer logs performance data.	Reinstall DXi Advanced Reporting on the DXi system.
16005	When the Web browser is refreshed, the DXi Advanced Reporting interface reverts to its default appearance. (For example, the button bar is hidden and graph titles and legends are displayed.)	Use the View menu or toolbar to show or hide interface elements as desired.
16104	The Replication report does not display statistics for replication even when a replication occurred.	View statistics for the last replication on the Data Services > Replication > Source Role > NAS or VTL tab of the DXi remote management pages.
16160	The time zone displayed in the button bar cannot be changed.	All times are reported using the time zone of the local client running the DXi Advanced Reporting Web-based interface.
16627	The time zone displayed in reports in DXi Advanced Reporting is not the same as the time zone on the DXi. This occurs because the time zone displayed in DXi Advanced Reporting is the time zone of the client system running the Web browser, which might be located in a different time zone than the DXi.	To convert times reported in DXi Advanced Reporting to the local time of the DXi, add or subtract the appropriate number of hours based on the time zone difference.
21752	The Continuous Replication % Complete graph does not show data even though the DXi is configured for replication.	View replication activity using the DXi remote management console on the DXi.
21754	On the Space Reclamation graph, the value for gcProgress does not reach 100% even after space reclamation is completed successfully on the DXi. This occurs when space reclamation completes very quickly.	Verify that space reclamation completed using the DXi remote management console on the DXi.
21772	The Fibre Channel Activity graphs are not present on some DXi systems.	These graphs are not applicable to DXi4500 or DXi6500 running DXi 2.0 software and may be disregarded.
22240	If you tab through (or double-click) the hour and minute Report Start and Report End text fields, the text in the fields disappears and does not display after you click Reload .	Click Refresh to update the fields.

ID	Description	Workaround
22458	DXi Advanced Reporting is not accessible via Storage Care Guardian when a port other than port 80 is assigned for Storage Care Guardian session.	Close all open Web Management Interface sessions, establish a new session which will be using port 80, and use this initial session to access DXi Advanced Reporting.

Documentation

[Table 3](#) lists the documentation that is available for Quantum DXi Advanced Reporting 1.0.1.1. In addition, online help content can be accessed by clicking **Help** on the DXi Advanced Reporting window.

Training is available for Quantum DXi Advanced Reporting. For more information, see:

<http://www.quantum.com/ServiceandSupport/StorageCareLearning/Index.aspx>

Table 3 DXi Advanced Reporting Documentation

Document Number	Document Title
6-67004-02	<i>Quantum DXi Advanced Reporting User's Guide</i>

Getting More Information or Help

DXi Advanced Reporting Essential Training (online self-paced course)

This free online course provides information on how to install/upgrade software, navigate the GUI, work with time ranges, and interpret reporting data. To access the online course, go to <http://www.quantum.com/ServiceandSupport/Index.aspx>, select your DXi system, click **Documentation**, and select **DXi Advanced Reporting Essential Training**.

Additional Notes

DXi3500/5500 Products (End of Life)

Users of DXi Advanced Reporting on Quantum DXi3500/5500: Please note that the DXi3500/5500 products are end of life. Quantum will be discontinuing upgrades of DXi Advanced Reporting on the DXi3500/5500 in a future release.

Historical Stats Not Always Visible After Upgrade

Galaxy 2.0 changes the format of data presented by DXi Advanced Reporting. This format change makes concurrent viewing of DXi Advanced Reporting data collected before and after an upgrade to Galaxy 2.0 impossible. DXi Advanced Reporting will display data gathered before upgrade to Galaxy 2.0 ONLY when the timeframe covers dates before the DXi was upgraded to Galaxy 2.0. If the timeframe includes dates after the upgrade to Galaxy 2.0, then only the data collected after the upgrade is visible.

The historical data remains in the logging database. However, the data cannot always be displayed because of the way that the data was initially recorded. Since the older 1.x data and the newer 2.x data reside in different databases with different fields and limitations, such as Truncation start/end, some of these historical statistics do not display.

However, if you select a timeframe which is *entirely* before the 2.x upgrade (**END-Time < Upgrade-Time**), the system reverts to the old-style display. If you select a timeframe where the **END-Time > Upgrade-Time**, the display changes to the new style, eventually causing the left-hand porting of the graph, which refers to older times, to be blank.

Replication Reports Are Not Supported

In this release, the replication reports are not supported.

Logging On to DXi Advanced Reporting

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

Decrease in Before Reduction Data

Backup expiration by your backup application causes the Before Reduction data to decrease immediately in graphs like Data Volume Overview. This occurs when running DXi Advanced Reporting running on a DXi 2.0. In earlier versions of the software, backup expiration was not reflected in Before Reduction data until space reclamation was run. The effect of this change is an immediate drop in Before Reduction data any time you expire backups.

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:

Quantum Technical Assistance Center in the USA:	+1 800-284-5101
For additional contact information:	http://www.quantum.com/support
To open a Service Request:	http://www.quantum.com/osr

