



Release Notes

Product	DXi Advanced Reporting 2.1.2
Web Browsers (Remote Web Client)	Any modern Web browser that supports the Adobe Flash Player plug-in 10.x.
Date	November 2012

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Purpose of This Release

This release of DXi Advanced Reporting includes the following features:

- Support DXi Galaxy 2.2, 2.2.0.1, 2.2.0_68, and 2.2.1 releases
- Support the DXi V1000 virtual appliance
- Improve customer and service satisfaction by fixing bugs found in prior releases of DXi Advanced Reporting

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
- CPU load
- System load
- Data deduplication
- Space reclamation activities
- OST and Accent backups

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: 2.1.2-187223 Data Collector version: 02.01.02-1639
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 (7.0 and newer) and Mozilla Firefox (7.0 and newer).
Flash Player plug-in (Client)	Adobe Flash Player plug-in 10.x or higher
Supported Storage Devices	Devices supported are specific to the DXi software installed on them. See Table 3 DXi Advanced Reporting Compatibility for more information.

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.

DXi Advanced Reporting Embedded Versions

[Table 2](#) indicates the version of DXi Advanced Reporting that is embedded in each version of DXi Software. The embedded version of DXi Advanced Reporting is automatically installed when the associated version of DXi Software is installed on the DXi. DXi software can have its embedded DXi Advanced Reporting software upgraded to the appropriate compatible Advanced Reporting software version as depicted in [Table 3](#).

Table 2 DXi Advanced Reporting Embedded Versions

DXi Software Version	DXi Advanced Reporting Embedded Version							
	1.0 (01.02.0 9- 125532)	1.0.1 (01.03.0 1-411)	2.0.1 (02.00.0 1-736)	2.0.1 (02.00.0 1-807)	2.0.2 (02.00.0 2-904)	2.0.3 (02.00.0 3-1139)	2.1 (02.01.0 0-1401)	2.1.2 (02.01.0 2-1639)
1.4.x	X							
1.4.x_85	X							
1.5	X							
1.5_85	X							
2.0	X							
2.0.0.x	X							
2.0.1		X						
2.0.1.x		X						
2.0.2_46			X					
2.0.2.1_46				X				
2.1					X			
2.1.1					X			
2.1.1 (DXi V1000)						X		
2.1.2						X		
2.1.2_85						X		
2.1.3_85						X		
2.2							X	
2.2.0.1								X

DXi Software Version	DXi Advanced Reporting Embedded Version							
	1.0 (01.02.0 9- 125532)	1.0.1 (01.03.0 1-411)	2.0.1 (02.00.0 1-736)	2.0.1 (02.00.0 1-807)	2.0.2 (02.00.0 2-904)	2.0.3 (02.00.0 3-1139)	2.1 (02.01.0 0-1401)	2.1.2 (02.01.0 2-1639)
2.2.0_68								X
2.2.1								X

DXi Advanced Reporting Compatibility

[Table 3](#) shows the version compatibility of DXi Advanced Reporting software with existing DXi software. DXi software can have its embedded DXi Advanced Reporting software upgraded to the appropriate compatible Advanced Reporting software version as depicted in [Table 3](#).

Table 3 DXi Advanced Reporting Compatibility

DXi Software Version	DXi Advanced Reporting Compatibility							
	1.0 (01.02.0 9- 125532)	1.0.1 (01.03.0 1-411)	2.0.1 (02.00.0 1-736)	2.0.1 (02.00.0 1-807)	2.0.2 (02.00.0 2-904)	2.0.3 (02.00.0 3-1139)	2.1 (02.01.0 0-1401)	2.1.2 (02.01.0 2-1639)
1.4.x	X	X						
1.4.x_85	X	X						
1.5	X	X						
1.5_85	X	X						
2.0	X	X	X	X				
2.0.0.x	X	X	X	X				
2.0.1		X	X	X				
2.0.1.x		X	X	X				
2.0.2_46			X	X				
2.0.2.1_46				X				
2.1					X			
2.1.1					X			

DXi Software Version	DXi Advanced Reporting Compatibility							
	1.0 (01.02.0 9- 125532)	1.0.1 (01.03.0 1-411)	2.0.1 (02.00.0 1-736)	2.0.1 (02.00.0 1-807)	2.0.2 (02.00.0 2-904)	2.0.3 (02.00.0 3-1139)	2.1 (02.01.0 0-1401)	2.1.2 (02.01.0 2-1639)
2.1.1 (DXi V1000)						X		
2.1.2						X		
2.1.2_85						X	X	
2.1.3_85						X	X	
2.2							X	X
2.2.0.1							X	X
2.2.0_68								X
2.2.1								X

Resolved Issues

[Table 4](#) lists issues that are resolved in Quantum DXi Advanced Reporting 2.1.2.

Table 4 DXi Advanced Reporting 2.1.2 Resolved Issues

ID	Description
32129	For some FC configurations, DART is not logging FC data.
31496	Advanced Reporting: Diagrams for 10GbE interfaces are missing (resolved in 2.1.1).
32039	Added the Disk usage graph in Capacity .
31712	Advanced Reporting GUI showing VTL Blockpool throughput during Ingest (it should say OST).
31852	Advanced Reporting GUI showing NFS Blockpool throughput during SMB (CIFS) Ingest (it should say SMB).

Known Issues

[Table 5](#) list known issues that are associated with the 2.1.2 release of Quantum DXi Advanced Reporting software.

Table 5 DXi Advanced Reporting 2.1.2 Known Issues

ID	Description	Workaround
30516	Advanced Reporting GUI and XML Status file display different Ethernet ports activity.	The information reported by the Advanced Reporting GUI is correct. Disregard the information in the XML file.

Documentation

[Table 6](#) lists the documentation that is available for Quantum DXi Advanced Reporting 2.1.2. 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 6 DXi Advanced Reporting Documentation

Document Number	Document Title
6-67353	<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

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

The replication reports are not supported in this release.

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. 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:	Toll Free: 1-800-284-5101 Toll: +1-720-249-5700
Europe, the Middle East, and Africa (EMEA)	Toll Free: +800-7826-8888 Toll: +49-6131-3241-1164
Asia and Pacific (APAC)	Toll Free: +800-7826-8887 Toll: +603-7953-3010
For additional contact information:	http://www.quantum.com/support
To open a Service Request:	http://www.quantum.com/osr

