Quantum®

DXi4800, DXi9000/9100/9200, DXi T10, DXi V5000 Release Notes 5.3.0

Original Product/Software Release Date   February 2026

Contents

Purpose of This Release

The DXi 5.3.0 Software release supports the DXi4800, DXi9000, DXi91000, DXi T10, DXi9200, and DXi V5000 disk backup systems.

> ⓘ **Note:** This release was scanned for vulnerabilities using Nessus® for vulnerability risk management, as part of Quantum's Quality Assurance (QA) process. The release code build was validated as secure.

What's New in DXi 5.3.0?

This software release features the following new features and updates:

- **File Retention Lock -** Compliance mode NFS file retention locks.
- **Secure Clock -** Monitor for abnormal system clock behavior and alert.
- **Security Officer -** DXi configuration changes protected by authorization from a second user.
- **EKM Integration -** Use keys stored in an External Key Manager.
- **Cloud Disaster Recovery -** Recover data from the cloud onto any DXi, not only the source DXi.
- **Cloud Auto Restore -** Archived files automatically restored upon access.
- **Cloud Share -** Tested with AWS S3, IBM COS, and Minio.
- **DXi REST API-** Latest version of the DXi REST API.

DXi Password Requirements

- **System Users -** Passwords must be between 8-64 characters, and must include at least one upper case (A-Z), one lowercase (a-z), one number (0-9), and one special character (` ~ ! @ # $ % ^ & * ( ) - _ = + [ ] { } \ | ; : ' " , . < > / ? space).
- **IPMI and iDRAC Users -** Service login passwords must be between 8-20 characters, and must include at least one upper case (A-Z), one lowercase (a-z), one number (0-9), and one special character (` ~ ! @ # $ % ^ & * ( ) - _ = + [ ] { } \ | ; : ' " , . < > / ? space).

Product Compatibility List

The following table provides information about DXi hardware compatibility with DXi 5.3.0 Software.

Component	Description
DXi4800	• 1 Node • 1 to 2 RAID controller cards. • 0 to 4 Expansion modules (JBODs) • 1 x 1 GbE Ethernet ports • (Optional) 2 x 10 GbE Ethernet ports • (Optional) Up to 8 x 25 GbE Ethernet ports (SFP28 optical or DAC Copper) • (Optional) Up to 16 x 10 GbE SFP Ethernet ports or 16 x 10GbE Base-T Ethernet ports. • (Optional) Up to 16 x 16 Gb Fibre Channel ports (for VTL or PTT) • (Optional) Up to 8 x 100 GbE Ethernet ports (Optical or DAC Copper) • 8 TB - 315 TB usable capacity
DXi9000 SD	• 1 Node • 1 Array module (RBOD) • 0 to 9 Expansion modules (EBODs) • 1 x 1 GbE Ethernet ports • (Optional) 2 x 10 GbE Ethernet ports • (Optional) Up to 8 x 25 GbE Ethernet ports (SFP28 optical or DAC Copper) • (Optional) Up to 16 x 10 GbE SFP Ethernet ports or 16 x 10GbE Base-T Ethernet ports. • (Optional) Up to 16 x 16 Gb Fibre Channel ports (for VTL or PTT) • (Optional) Up to 8 x 100 GbE Ethernet ports (Optical or DAC Copper) • 51 TB - 1020 TB usable capacity

Component	Description
DXi9000 HD	• 1 Node • 1 Array module (RBOD) • 1 Expansion module (EBOD) • 1 x 1 GbE Ethernet ports • (Optional) 2 x 10 GbE Ethernet ports • (Optional) Up to 8 x 25 GbE Ethernet ports (SFP28 optical or DAC Copper) • (Optional) Up to 16 x 10 GbE SFP Ethernet ports or 16 x 10GbE Base-T Ethernet ports. • (Optional) Up to 16 x 16 Gb Fibre Channel ports (for VTL or PTT) • (Optional) Up to 8 x 100 GbE Ethernet ports (Optical or DAC Copper) • 204 TB - 1020 TB usable capacity
DXi9100	• 1 Node • 1-2 Array modules (RBODs) • 0-2 Expansion modules (EBODs) • 1 x 1 GbE Ethernet ports • 2 x 10 GbE Ethernet ports • (Optional) 2 x 10 GbE Ethernet ports • (Optional) Up to 8 x 25 GbE Ethernet ports (SFP28 optical or DAC Copper) • (Optional) Up to 16 x 10 GbE SFP Ethernet ports or 16 x 10GbE Base-T Ethernet ports. • (Optional) Up to 16 x 16 Gb Fibre Channel ports (for VTL or PTT) • (Optional) Up to 8 x 100 GbE Ethernet ports (Optical or DAC Copper) • 204 TB - 2 PB usable capacity

Component	Description
DXi9200	1 Node 1-2 Array modules (RBODs) 2 x 1 GbE Ethernet ports (service management) 4 x 1 GbE Ethernet ports (array storage) (Optional) Up to four 100 GbE (SFP28 optical or DAC copper) dual-port Ethernet cards. (Optional) Up to four 10/25 GbE (SFP28 optical or DAC copper) quad-port Ethernet cards. (Optional) Up to four 10 GbE Base-T quad-port Ethernet cards. (Optional) Up to four 32 Gb Fibre Channel dual-port cards. For path to tape and VTL. 110TB - 2200 TB usable capacity
DXi T10	1 Node 2 x 10 GBase-T Ethernet ports. (Optional) Up to 4 x 100 GbE Ethernet ports (SFP28 optical or DAC Copper). (Optional) Up to 12 x 25 GbE Ethernet ports (Optical or DAC Copper). (Optional) Up to 6 x 32 Gb Fibre Channel ports (for VTL or PTT). 15 – 60 TB usable capacity (DXi T10-60). 30 – 120 TB usable capacity (DXi T10-120). 60 – 240 TB usable capacity (DXi T10-240). 120 – 480 TB usable capacity (DXi T10-480).
DXi V5000	Refer to the System Overview in the DXi V5000 Documentation Center to review the virtual machine (VM) configurations.

Resolved Issues

Issue Number	Description	Customer Number
DXE-25942	DART (DXi Advanced Reporting) GUI does not contain enough space to display the new full firmware version.	
DXE-29600	User network traffic becomes mixed with iSCSI storage traffic.	836378
DXE-30163	Host pass through setting now allowed for the hypervisor/VM created by DAE.	846540
DXE-30472	Unable to join Active Directory if Organizational Unit (OU) has a space in it.	855132

Known Issues

DXi 5.3.0 Software has the following known issues:

Issue Number	Description
DXE-20388	Large DXi with extremely busy non-dedup Shares can cause Health Check and Garbage Collection to slow and use excess memory. Workaround: use dedup enabled shares. (DXi is not meant to be a primary storage device.)
DXE-26006	GUI: Can not return to home page from Disk Usage page. Customers using and ingesting data may be unable to navigate from the *GUI Status > Disk Usage* page to the GUI Home page. Workaround: Navigate to another GUI page and then navigate to the Home page.
DXE-26043	Netserver is not working properly. Usually this function is used in conjunction with Service to test the network connection from one DXi to another. Netserver is not used for any data storage functionality.
DXE-20691	CLI: Secure Email: CLI (Command Line Interface) command needs improvement. Parameters and values names are not consistent. No functionality impact. Some inconsistencies and improvements that could be made in a future release.
DXE-29453	After a software upgrade, the Notifications Email Server page might have strange characters. Functionality is not affected.
DXE-31392	Any symlinks in backed up data that is in a share configured for retention lock will cause file reporting/listing on Immutable Storage section of the WebGUI as well as on syscli (syscli --list retentionstatus --share <share name>) to fail.

Documentation

Refer to the *DXi4801 Gen2 System Installation Guide*, available on CSWeb.

- **DXi V5000 Documentation Center:** www.quantum.com/dxiv5000docs
- **DXi4800 Documentation Center:** www.quantum.com/DXi4800Docs
- **DXi9000 Series Documentation Center:** www.quantum.com/DXi9000Docs
- **DXi T10 Documentation Center:** www.quantum.com/DXiT10Docs
- **DXi9200 Documentation Center:** www.quantum.com/DXi9200Docs

Supported Backup Applications

For the current list of backup applications supported for use with DXi 5.3.0 Software:

1. Click on https://www.quantum.com/swcompguide.aspx

   The **Support > Software Compatibility With Tape Libraries** page appears.

2. In the **Compatibility Guide** list, select **Software / Disk-Based Backup Systems.**

3. (Optional) Select your system and software from the **Storage Device** and **Application Software** lists.

   ❶ **Note:** If the storage device and application software are not selected, a full list of all available devices and software will appear and requires a minute or two to populate. Select your system and software for a faster-appearing, shorter list.

4. Click **Submit.**

❶ **Note:** Contact the backup application vendor for the latest software revision information.

DXi Additional Notes

Cloud Based Analytics

Cloud Based Analytics (CBA) is now enabled by default. This will allow your DXi to communicate with Quantum and provide system health and greater serviceability.

If you want to disable Cloud Based Analytics (not recommended by Quantum), do the following:

1. Go to the **Configuration > System > CBA** page.

2. Uncheck the following boxes:

   - **Enable Cloud Based Analytics**

   - **Send Events (RAD and Admin Alerts)**

   - **Process Job Requests (Log capture and upload)**

   - **Send Telemetry**

3. Click **Apply**.

Dynamic Host Configuration Protocol (DHCP)

DXi systems default to DHCP. If you do not have a DHCP server, log into the Console Desktop and set a static IP (see DXi Installation Guide for more information).

Use the IPMI Remote Console to change this IP Address and reboot the system if this address conflicts with any systems on your network.

Email Reports

Quantum recommends enabling **Email Reports**. When enabled, **Email Reports** periodically sends system configuration and status information to Quantum, including any software upgrades you have installed using the **Software Upgrade Utility.** Quantum Support can use this information to provide a better support experience in the future.

To configure Email Reports:

1. Make sure a valid outgoing e-mail server is specified on the **Configuration > Notifications > Email > Server** page.

2. (Optional) Specify any additional recipients to receive the reports on the **Configuration > Notifications > Email > Email Reports > Recipients** page.

3. Make sure a weekly **Email Reports** schedule is configured on the **Configuration > Scheduler** page. Configure two weekly recurring events: one for **Status** reports and one for **Configuration** reports.

Contacting Quantum Support

Below is information related to contacting Quantum Support as well as steps to improve your Quantum customer journey.

- [Chatbot below](#)
- [Open a Service Case below](#)
- [Use MyQuantum Service Delivery Platform below](#)
- [Use Cloud Based Analytics (CBA) on the next page](#)
- [Escalate a Service Case on the next page](#)
- [Contact Quantum Sales on the next page](#)

Chatbot

An AI driven Quantum Chatbot is available to ask product support questions, open a service case, or chat with a call center agent. Locate the Q box on the bottom right of a Quantum web page, such as https://www.quantum.com/en/service-support/.

ⓘ **Note:** Some ad blockers might interfere.

Open a Service Case

Use any of the following methods to open a service case:

- AI driven Quantum Chatbot. Locate the Q box on the bottom right of a Quantum web page.
- Visit the [MyQuantum](#) portal (for more information, see [Use MyQuantum Service Delivery Platform below](#)).

  ⓘ **Note:** The MyQuantum portal is the most efficient and preferred method to open a service case.

- Visit the [Service & Support](#) page.

  ⓘ **Note:** You can also access other Support related services.

- Call Quantum Support (see [Service & Support](#)).

Use MyQuantum Service Delivery Platform

MyQuantum is a single portal for everything Quantum. You can view assets, open service cases, receive real-time updates, and search the Knowledge Base and documentation, all through a secure, online portal.

1. Create an account and log in to the [MyQuantum Service Delivery Platform](#).
2. Register a product on [MyQuantum](#).
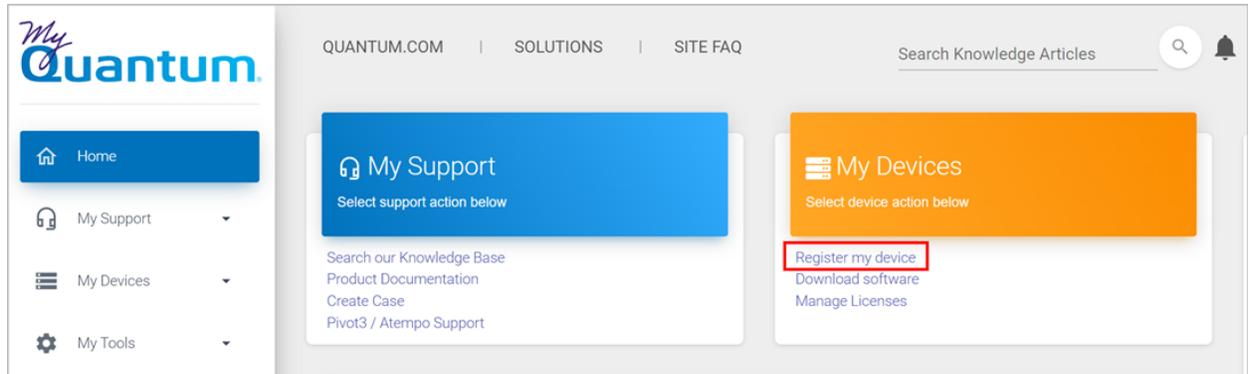
3. Request site access to the Cloud-Based Analytics (CBA) monitoring portal and follow the instructions to set up product(s) to connect to CBA. You can use CBA to monitor Quantum products remotely, from a single dashboard, and Quantum Support can use it to help troubleshoot products more efficiently.

Use Cloud Based Analytics (CBA)

Quantum products are equipped with a Cloud Based Analytics (CBA) agent that can provide log files and snapshots to Quantum CBA servers that are running in the cloud.

CBA enables Quantum systems to collect data regarding system and environment performance. The collected data is bundled and uploaded to the remote CBA server for analysis. You can access Quantum system performance and health results on the CBA dashboard (at https://insight.quantum.com) or through the MyQuantum Service Delivery Platform.

The CBA dashboard displays the analytic results of the uploaded CBA data using flexible charting tools, along with an overall health score of each Quantum system configured for the CBA account.

Refer to product documentation for product-specific information related to CBA.

Refer to the Quantum CBA website for general information about CBA.

Escalate a Service Case

To escalate a service case, follow the process documented here: https://www.quantum.com/en/service-support/resources/escalation/

Contact Quantum Sales

https://www.quantum.com/en/company/contact-us/