

DXi V5000, DXi4800, and DXi9000 Series Release Notes 4.6

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Purpose of This Release

The DXi 4.6 Software release supports DXi4800, DXi9000/9100, and DXi V5000 disk backup systems.


What's New in DXi 4.6?

This software release features the following new features and updates:

- **Secure Outgoing Email Server** - Use the Secure Email feature to enable outgoing system emails to be sent from a designated SSL email server that provides secure outgoing email to users. See *<product> Configuration > Notifications > Email* in your product's online help or documentation center.
- **Firewall Enable** - This new feature allows you to enable your DXi System firewall, after which you can select:
 - *Show rules* to list the rules in place for each port where the system firewall is enabled.
 - *Show ports* to show each physical port configured with the system firewall enabled, in real time.

See *<product> Configuration > System > Network*, under *Manage Firewall Settings* in your product's online help or documentation center.

- **Connected Clients** - This new feature allows you to see the clients that are connected to OST Storage Servers. On the *Config > OST > Storage Servers* page, when there are connections to the Storage Server, the number in the *Active Connections* column will be highlighted and clickable. Click on the number to display a pop-up window showing client IP and Port, client hostname, client OS, and Plug-in information.

 **Note:** This feature requires the latest OST Plugin (version 11.0.0).

- Various maintenance updates.



WARNING: Systems currently using DXi Software versions earlier than 4.5.0.3 MUST UPGRADE TO 4.5.0.3 before upgrading to version 4.6. In general, Quantum strongly recommends upgrading to the latest version of DXi software before installing capacity upgrades, regardless of the capacity increment.



Note: Windows 2008 is no longer supported by the OST Plug-in.

Product Compatibility List

The following table provides information about DXi hardware compatibility with DXi 4.6 Software.

Component	Description
DXi4800	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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

Resolved Issues

The following issues were resolved in DXi 4.6 Software.

Bug Number	SR Number	Description
50096	469952, 524311, 545865, 557632, 547587, 566653, 585217, 600385, 603350, 604598, 619123, 587937, 624335, 625272, 659068, 680523, 681693	Deleting popular BLOB could be slow possibly causing a timeout.
52332	593865	GUI does not allow wildcards for share access.
53248	611069	Collect log retrieval can cause NFS DoS.
53880	645394	Logrotate error: duplicate log entry for SystemEncryptionFull.log.
54292	665379, 665209, 683758	Upgrade failed after base install, timeout after unloading cvfs module.
54385	662051	Firmware bundle needs to handle upgrade of firmware on new cards attached if same card type was previously upgraded.
54443 54484	668911	After upgrade, em3 was not available to the OS.
54630	677512	Logrotate interferes with log4cplus rotating files.

Documentation

For the latest DXi V5000, DXi4800, and DXi9000 Series documentation using DXi 4.6 software, see the following DXi Documentation Centers:

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

Supported Backup Applications

For the current list of backup applications supported for use with DXi 4.6 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.

i 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**.

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

DXi Additional Notes

For additional information about DXi 4.6 Software, refer to the following sections.

- [Email Reports](#)
- [Quantum Vision](#)

Email Reports

Quantum recommends enabling **Email Reports** after upgrading to DXi 4.6 Software (if not already enabled). 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.

Quantum Vision

You must update to the latest version of Quantum Vision (4.4.1 or later) to operate with DXi 4.6 Software.

Contacting Quantum

More information about this product is available on the Service and Support website at <https://www.quantum.com/en/service-support/>. 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 the Quantum Customer Support Center:

Region	Support Contact
North America	1-800-284-5101 (toll free) +1-720-249-5700
EMEA	+800-7826-8888 (toll free) +49 6131 324 185
Asia Pacific	+800-7826-8887 (toll free) +603-7953-3010

For worldwide support:

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