

DXi T10, DXi9200, DXi V5000

Release Notes 6.0

Product/Software Release Date	September 2026
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Purpose of This Release

The DXi 6.0 Software release supports the DXi T10, DXi9200, and DXi V5000 disk backup systems.

- i 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 6.0?

This software release features the following new features and updates:

- **Rocky Linux 9** - CentOS 7 has been replaced by Rocky Linux 9 as the base operating system on DXi9200, DXi T10, and DXi V5000. Please contact **Quantum Service and Support** to perform the upgrade.
- **Samba Updates**- Samba has been updated (4.21.3).

DXi Password Requirements

- **System Users** - Passwords must be 8 to 64 characters long, and must include at least one upper case letter (A-Z), one lowercase letter (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).

Before You Upgrade to Rocky 9

The Rocky 9 upgrade will be performed by **Quantum Service and Support**. Before the Rocky 9 upgrade occurs, review the following important information:

Issue	Description
DXi V5000 Memory	The DXi V5000 memory requirement has increased. Rocky 9 requires a minimum of 6 GB memory, up from the 4 GB of required for CentOS 7. You must upgrade your VM memory to a minimum of 6 GB memory before performing the Rocky 9 upgrade.
Limited Mode	Confirm the system is NOT in Limited Mode before starting the upgrade. An upgrade that is attempted in limited mode may not abort cleanly. Bring the system out of limited mode and resolve any outstanding admin tickets before you upgrade.

After You Upgrade to Rocky 9

After the Rocky 9 upgrade has successfully completed, review the following important information:

Issue	Description
Network Interface Name Change	Network interface names change after the Rocky 9 upgrade. Ports are now named in the form <code>pXsY</code>, where <code>X</code> is the PCI slot number and <code>Y</code> is the NIC port number, replacing the CentOS 7 <code>ethN</code> naming. Anything that references interface names by hand, such as scripts, runbooks, monitoring checks, needs to be updated accordingly. On DXi V5000 systems, the upgrade log will additionally show a warning that ports such as <code>eth0</code> and <code>eth1</code> are configured but not present. That message is a result of this renaming, not a real hardware or cabling fault. Verify actual network connectivity after the upgrade rather than reacting to the log text, and do not re-seat cards or touch drivers based on this message alone.
NTP Server	After upgrading DXi9200 systems, do not rely on <code>syscli --test ntpserver</code> with no server explicitly named to validate NTP health. It can report failure even when NTP is actually healthy and in sync. Use <code>--server <address></code> explicitly, or check <code>chronyc tracking/chronyc sources</code> directly.
System Status / IP Address Banner	On the physical or serial console, the System Status / IP Address Banner will now display only once right after boot instead of persisting as it did under CentOS 7. This is expected on Rocky 9 and not a sign the upgrade failed.

Issue	Description
System Motherboard	If the system motherboard was replaced at any point before the upgrade, check the iDRAC service status after an upgrade. A known <code>idrac.conf</code> issue can cause it to repeatedly fail to start. Delete <code>/opt/DXi/hwdetect/idrac.conf</code> and restart the idrac service.
Firmware Report	If generating a DXi9200 firmware report is part of your post-upgrade validation, be aware it can currently fail on Rocky 9 because <code>omreport</code> is missing from the expected tool path.. This failure reflects a known software issue, not a hardware detection problem.

Software Upgrades

Before starting a software upgrade on your DXi system, review the following upgrade paths for each DXi system:

DXi V5000

Important Information

To upgrade to DXi 6.0 Software, contact **Quantum Service and Support**.

Before upgrading to DXi 6.0 Software, DXi V5000 must be running DXi 5.3.x Software. Review the upgrade paths below to upgrade to DXi 5.3.x Software.

Note: DXi V5000 **cannot** use DXi 4.9.2.3. The correct upgrade version for this DXi system is DXi 4.9.2.1.

Current DXi Software Version	Upgrade Path
• DXi 5.2.0.1 and Above.	Upgrade to the latest available version of DXi software.
• DXi 4.9.2.1 and Above	1. Upgrade to DXi 5.2.0.1
• Below DXi 5.2.0.1	2. Once the system is on DXi 5.2.0.1, upgrade to the latest available version of DXi software.

Current DXi Software Version	Upgrade Path
- DXi 4.5.0.3 and Above - Below DXi 4.9.2.1	- Upgrade to DXi 4.9.2.1 - Upgrade to DXi 5.2.0.1 - Once the system is on DXi 5.2.0.1, upgrade to the latest available version of DXi software.
Below DXi 4.5.0.3	- Upgrade to DXi 4.5.0.3 - Upgrade to DXi 4.9.2.1 - Upgrade to DXi 5.2.0.1 - Once the system is on DXi 5.2.0.1, upgrade to the latest available version of DXi software.

DXi9200

Important Information

To upgrade to DXi 6.0 Software, contact **Quantum Service and Support**.

Before upgrading to DXi 6.0 Software, DXi9200 must be running DXi 5.3.x Software. Review the upgrade paths below to upgrade to DXi 5.3.x Software.

Current DXi Software Version	Upgrade Path
DXi 5.2.0.1 and Above	Upgrade to the latest available version of DXi software.
Below DXi 5.2.0.1	- Upgrade to DXi 5.2.0.1 - Once the system is on DXi 5.2.0.1, upgrade to the latest available version of DXi software.

DXi T10

Important Information

To upgrade to DXi 6.0 Software, contact **Quantum Service and Support**.

Before upgrading to DXi 6.0 Software, DXi T10 must be running DXi 5.3.x Software. Review the upgrade paths below to upgrade to DXi 5.3.x Software.

Current DXi Software Version	Upgrade Path
DXi 5.2.0.1 and Above	Upgrade to the latest available version of DXi software.

Current DXi Software Version	Upgrade Path
Below DXi 5.2.0.1	- Upgrade to DXi 5.2.0.1 - Once the system is on DXi 5.2.0.1, upgrade to the latest available version of DXi software.

Note: Quantum strongly recommends upgrading to the latest version of DXi software before installing capacity upgrades regardless of the capacity increment.

To learn more about how to upgrade DXi Software, refer to **Software Upgrades** in the DXi documentation centers. All documentation centers are located at the DXi Documentation Portal (www.quantum.com/documentation).

- [DXi9200 Software Upgrades](#)
- [DXi T10 Software Upgrades](#)
- [DXi V5000 Software Upgrades](#)

Product Compatibility List

The following table provides information about DXi hardware compatibility with DXi 6.0 Software.

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-29170	lshw causes device reset issues.	825945
		822863
DXE-31327	Samba updates (4.21.3).	
DXE-31478	CBA connectivity issues.	867818
DXE-31508	Restarting network stack on DXi9200 causes false storage failure alerts.	872242
DXE-31657	After a network update and reboot, DXi9200 cannot ping the QXS storage due to the removal of external device configurations during restore.	875663
DXE-31668	DXi V5000 unable to boot after capacity expansion.	00875733
DXE-31829	Issues with static routes defined by syscli.	00875753
DXE-32022	Timeout value increased for the mountd service	00878967
DXE-32030	Issues enabling Data-at-Rest encryption.	843281

Known Issues

DXi 6.0 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: Cannot 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 value 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.

Known Issues - DXi Rocky 9 Upgrade

The Rocky 9 DXi 6.0 Software upgrade has the following known issues.

Issue Number	Description
DXE-30610	During boot on DXi T10 systems running Rocky 9, the system log may show a kernel message referencing an unchecked MSR access error . This is a benign, cosmetic log message related to CPU microcode handling under Rocky 9 and does not affect system function, data integrity, or performance. No customer action is required.
DXE-30612	The system log on DXi T10 systems with Rocky 9 may show microcode update failed messages during boot. This is expected when the server BIOS/CPU already has the correct microcode installed and does not indicate a functional problem. No customer action required.
DXE-30737	On DXiT 10 systems, enabling the IPMI (remote management) user account through the WebUI reports success, but the Enable account checkbox can still show as unchecked when the System Users page is reopened in the GUI. The password change does take effect. Verify that the IPMI account is actually usable after making this change rather than relying on the check box state. This issue will be addressed in a future release.
DXE-31936	In certain Fibre Channel (FC) target teardown scenarios, the DXi system may log a harmless kernel warning when a host sends a SCSI REPORT LUNS request to a LUN that is being removed while the host is still logged in. This is a low-severity, log-only condition. There is no crash, hang, or data impact. No customer action required.
DXE-32014	Running <code>syscli --getstatus syscomponent</code> without one of its optional arguments (<code>--systemboard</code> , <code>--hba</code> , or <code>--networkport</code>) returns an unclear Status file does not exist error instead of a status result. Always supply one of the optional arguments. This issue will be addressed in a future release.
DXE-32049	After a motherboard replacement, the iDRAC remote-management service can repeatedly fail to start on every boot, even though the iDRAC hardware itself is healthy. Delete <code>/opt/DXi/hwdetect/idrac.conf</code> and restart the iDRAC service (a second restart attempt may be needed for it to succeed). This issue will be addressed in a future release.
DXE-32070	On DXi9200 systems with an attached QXS expansion array, the GUI Status > Hardware > Storage Arrays page currently lists all drives - including the external QXS array's drives - under internal storage instead of showing the QXS array separately as external. This is a display-only issue and does not affect actual array configuration, redundancy, or data. Open, targeted for a future fix. This issue will be addressed in a future release.

Issue Number	Description
DXE-32085	When Active Directory / LDAP authentication is enabled and you log into the GUI as a domain (AD) user, the Configuration > System > Security > Users page can show an error and fail to list any users, including local users. Adding a new Administrator-role user from this view reports success, but the new user does not appear in the list. Manage local users while logged in with a local (non-AD) administrator account. This issue will be addressed in a future release.
DXE-32099	Create, read, and delete operations performed over CIFS / SMB shares are not currently recorded in an audit trail. The standard Samba audit logging <code>full_audit</code> is not configured, so there is no log entry tying a file operation to a client username, client IP address, and file path. Day-to-day CIFS file access itself works normally. This only affects environments with a security / compliance requirement for file-access accountability on CIFS shares. This gap is independent of whether the share uses AD domain or Workgroup authentication. This issue will be addressed in a future release.
DXE-32105	The <code>syscli --getstatus healthcheck</code> command output contains an extra blank line between the Start Time and End Time fields. This does not affect the health check result.
DXE-32110	On systems running Rocky Linux 9, the System Status and IP Address banner that persisted on the physical / serial console login screen under CentOS 7 now appears only once immediately after boot and is not re-displayed. Only a login prompt remains. Actual system status and network configuration are unaffected. This is a console-display issue only and will be addressed in a future release.
DXE-32161	On systems using External Key Management (EKM), the GUI does not lock the EKM controls once Data-at-Rest encryption has been enabled. The EKM-related buttons stay active, so a user can attempt to re-enable data-at-rest with a different EKM key. This retry will fail, but the GUI reports it as having succeeded. Do not attempt to change the EKM key from the GUI once data-at-rest is enabled. The success message is not reliable. If the EKM key must be changed on a system with data-at-rest already enabled, contact Quantum Service and Support. This issue will be addressed in a future release.
DXE-32186	If a Veeam-related password set via syscli begins with two dashes (--), the CLI can misinterpret the password text as a command-line option rather than as password data. Avoid passwords that start with -- when configuring Veeam credentials via syscli.
DXE-32201	On DXi T10 systems, attempting to disable the IPMI user account from the GUI (Configuration > System > Security > System Users) fails with an Internal Error — Failed to disable accountName 'ipmi' message. This issue only occurs on DXi T10 systems. Contact Quantum Service and Support if you need the IPMI account disabled on a DXi T10 system.

Issue Number	Description
DXE-32285	If Cloud-Based Analytics (CBA) is configured to use a proxy server that is unreachable, checking CBA connectivity via the REST API (POST /Cba/ping) returns a generic HTTP 500 Unexpected error instead of a clear proxy unreachable response. The underlying connectivity failure is correctly detected - only the error code / message returned is not user-friendly.
DXE-32287	On DXi9200 systems, testing the currently configured NTP server via <code>syscli --test ntpserver</code> (with no server explicitly named) or the equivalent REST call can incorrectly report Unable to access NTP server / pool (E7052202), even though the system time is correctly synced to the NTP server. Testing the same NTP server by name explicitly (<code>--server <address></code>) works correctly and confirms NTP is healthy. This is a test / reporting-path issue only. Actual time synchronization is unaffected.
DXE-32316	On DXi9200 systems running Rocky 9, generating a firmware report can fail because the underlying diagnostic tool <code>omreport</code> is not found in the script's expected path. This affects the ability to pull a firmware report only. It does not indicate a hardware problem or affect data. Contact Quantum Service and Support if you need a firmware report. This issue will be addressed in a future release.
DXE-32206	If the Rocky 9 upgrade is attempted while the system is in Limited Mode, the system should block the upgrade with a clear message instructing the user to first bring the system out of limited mode. This safeguard is still in development. Attempting an upgrade in limited mode may not yet produce a clear abort message. DO NOT attempt an upgrade while the system is in limited mode or while open admin tickets on the system are unaddressed.
DXE-32243	During the upgrade from CentOS 7 (5.3.1) to Rocky 9 on DXi V5000 systems, the upgrade log may show a warning that network ports (e.g., <code>eth0</code> and <code>eth1</code>) are configured but not present and that their bond / IP configuration could not be restored. This message is incorrect. It results from an expected network interface naming change introduced by Rocky 9 and not a hardware or cabling problem. Verify network connectivity after the upgrade completes. No card re-seating or driver changes are needed.

Documentation

For the latest DXi documentation using DXi 6.0 software, see the following DXi Documentation Centers:

- **DXi9200 Documentation Center:** www.quantum.com/DXi9200Docs
- **DXi T10 Documentation Center:** www.quantum.com/DXiT10Docs
- **DXi V5000 Documentation Center:** www.quantum.com/dxiv5000docs

Supported Backup Applications

For the current list of backup applications supported for use with DXi 6.0 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.

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

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.

- [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](#)

Open a Service Case

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

- Visit the [MyQuantum](#) portal (for more information, see [Use MyQuantum Service Delivery Platform below](#)).

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

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

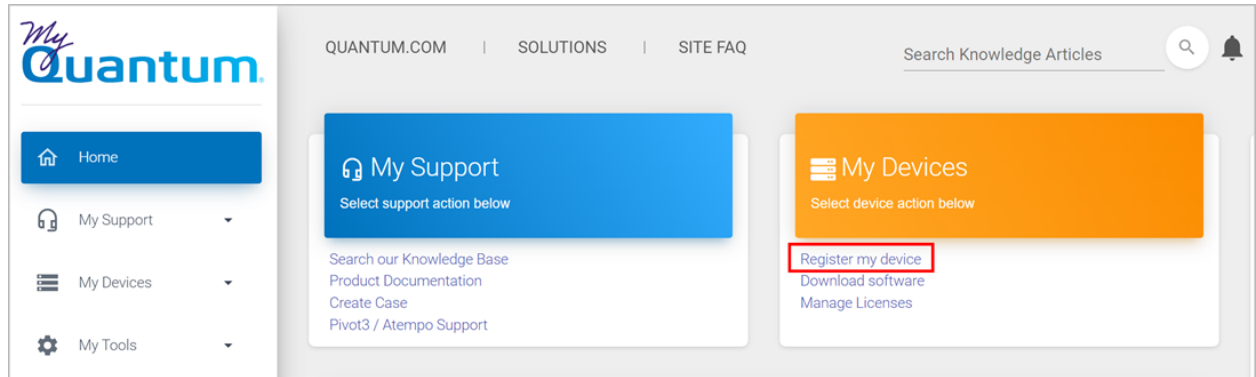
i Note: You can also access other Support related services.

- 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](https://www.quantum.com/en/service-support/resources/escalation/) 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/>