Quest® NetVault® Backup Plug-in *for SnapMirror to Tape* 12.2

Release Notes

May 2019

These release notes provide information about the Quest® NetVault® Backup Plug-in *for SnapMirror to Tape* release.

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About this release

Quest NetVault Backup (NetVault Backup) Plug-in *for SnapMirror to Tape* (Plug-in *for SnapMirror to Tape*) provides block-level backups and improved disaster recovery support for data stored on NetApp filers. Working with NetApp SnapMirror technology, the plug-in lets you back up selected volumes or snapshots to tape devices for off-site storage. The GUI gives you a single, centralized console to configure backup and restore policies for all your NetApp filers.

Plug-in *for SnapMirror to Tape* 12.2 is a minor release, with enhanced features and functionality.

Enhancements

The following is a list of enhancements implemented in NetVault Backup Plug-in *for SnapMirror to Tape* 12.2.

Table 1. General enhancements

Enhancement	Issue ID
Added support for NetApp Data ONTAP Release 9.5.	DNSTP-143

Resolved issues

The following is a list of issues addressed in this release.

Table 2. Resolved issues

Resolved issue	Issue ID
Corrected an issue in which restores that span tapes failed with the following error: “SMTAPE: Bad block in read stream. vbn = xxxxxxxxxx, max_vbn = xxxxxxxxx”	DNSTP-55 (13506, NTG-60)
Corrected an issue with NetApp Data ONTAP 8.1.7 Mode filers in which the plug-in restored data correctly, but reported the job status as failed and generated a dump.	DNSTP-64 (13515, NTG-69)
Corrected an issue that caused a backup job to stop responding when the starting slash was omitted from the backup path.	DNSTP-105 (29586)
Corrected an issue that caused a backup job to stop responding if you used an **ndmpd kill** command to terminate the NDMP sessions.	DNSTP-106 (29721)
Corrected an issue that caused a backup job to fail if the main volume was selected and any Vservers and volumes were excluded. To omit items from a backup job, clear the corresponding check box. The plug-in then displays an X for the selection item.	DNSTP-130
Corrected an issue in which selecting the **Delete Previous Snapshot** option or **Delete All Previous Snapshots** option, or both, with a Block Level Incremental (BLI) backup did not delete previous snapshots.	DNSTP-132

Known issues

The following is a list of issues, including those issues attributed to third-party products, known to exist at the time of release.

Table 3. Known issues

Known issue	Issue ID
On Clustered Data ONTAP 8.3, backups are performed using TCP connections instead of local connections because the plug-in fails to get affinity information about volumes and tape devices on this OS.	DNSTP-113, DNNDMP-626 (29613)
Block Level Incremental (BLI) backups are not supported on Clustered Data ONTAP 8.3. **Workaround:** Upgrade to Data ONTAP 9.5.	DNSTP-107 (29723)
If you are using Plug-in *for NDMP* or Plug-in *for SnapMirror to Tape* with Data ONTAP 9.1 and you perform multiple-volume backups, the job might fail and display a “Mover has halted due to an internal error” message.	DNNDMP-683
On NetApp filers running ONTAP 7.0 and later, if you try to restore data from a Traditional Volume to a Flexible Volume, the job fails.	
To perform backups to a virtual tape library, you must set the **Device Block Size** to 256K. For instructions configuring this setting, see the topic on Managing Storage Devices in the *Quest NetVault Backup Administrator’s Guide*.	
The backup option **Delete Snapshot on Exit** (SMTAPE_DELETE_SNAPSHOT) is only supported on Data ONTAP versions 6.5 P5 and later, 6.5 H2 and later, and 6.5 R2 and later.	

Table 3. Known issues

Known issue	Issue ID
If a filer reboots or there is a loss of network connectivity with the filer while the plug-in is running, the filer-attached drive goes offline with the message “Command Failed, Re-initializing Driver” when the plug-in tries to access the drive after the NAS Device is brought back online. After a few minutes, the drive recovers and becomes online, but you must perform a manual check before using the drive. ***To perform a manual check:*** 1 In the Navigation pane, click **Manage Devices**, and then in the list of devices, click the applicable drive or the corresponding Manage Device icon. 2 On the **Tape Drive Management** page, click **Check**. If you had issued any load or unload requests before performing this procedure, try them again after the check.	
When a job starts child jobs, the user logged in to NetVault Backup when creating the parent job remains the owner of the parent job, but the child jobs are owned by the default user. This issue can affect NetVault Backup Reports, **Job Status** page, and other functionality that depend on job ownership.	
Although it is visible, the **Incremental forever** option does not work with Plug-in *for SnapMirror to Tape*.	DNSTP-154

System requirements

Before installing Plug-in *for SnapMirror to Tape* 12.2, ensure that your system meets the following minimum hardware and software requirements.

Table 4. System requirements

Requirement	Details
NetVault Backup	The Plug-in *for SnapMirror to Tape* 12.2 requires NetVault Backup 11.4.5 or later.
NetVault Backup Plug-in *for NDMP*	NetVault Backup Plug-in *for NDMP* 11.4.5 or later.
NetApp Data ONTAP versions	Data ONTAP 8.1.x or later.

For complete supported-platform information, see the *Quest NetVault Backup Compatibility Guide* available at https://support.quest.com/technical-documents.

Upgrade and compatibility

Select the correct installation package on Linux and Windows: NetVault Backup offers separate client-only and server-only installation packages for Linux- and Windows-based systems. Both the server and the client packages are available in hybrid and pure 64-bit versions.

Product licensing

To obtain the license key for your NetVault Backup Server environment, you must first provide the NetVault Machine ID of your main NetVault Backup Server along with the machine IDs of clients running any licensed plug-in.

You can use the NetVault Configuration Wizard to install the product license keys. Alternatively, you can install the license keys from the **Manage Clients** page.

- Obtaining a machine ID
- Installing a license key using the configuration wizard
- Installing a license key from the Manage Clients page

Obtaining a machine ID

1. Start the NetVault Backup WebUI.
2. In the Navigation pane, click **Manage Clients**.
3. In the **NetVault Backup Clients** list, select the applicable machine, and click **Manage**.
4. On the **View Client** page, note the machine ID exactly as it is displayed in the **Client Summary** table.

Installing a license key using the configuration wizard

1. In the **Navigation** pane, click **Guided Configuration**.
2. On the **NetVault Configuration Wizard** page, click **Install Licenses**.
3. In the **NetVault Backup Clients** list, select the applicable machine, and click **Next**.
4. In the **Enter the license key string** box, type or copy and paste the license key, and click **Apply**.

   After the key is applied successfully, a message is displayed.

Installing a license key from the Manage Clients page

1. In the **Navigation** pane, click **Manage Clients**.
2. In the **NetVault Backup Clients** list, select the applicable machine, and click **Manage**.
3. On the **View Client** page, click **Install License**.
4. In the **Install License** dialog box, type or copy and paste the license key, and click **Apply**.

   After the key is applied successfully, a message is displayed.
5. To dismiss the dialog box, click **Close**.

Upgrade and installation instructions

For upgrade and installation instructions, see the *Quest NetVault Backup Plug-in for SnapMirror to Tape User's Guide*.

More resources

Additional information is available from the following:

- Online product documentation
- NetVault community

Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release supports any single-byte or multi-byte character set. It supports simultaneous operation with multilingual data. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, and Japan.

The release is localized to the following languages: Chinese (Simplified), French, German, Japanese, and Korean.

About us

Quest provides software solutions for the rapidly-changing world of enterprise IT. We help simplify the challenges caused by data explosion, cloud expansion, hybrid datacenters, security threats, and regulatory requirements. We are a global provider to 130,000 companies across 100 countries, including 95% of the Fortune 500 and 90% of the Global 1000. Since 1987, we have built a portfolio of solutions that now includes database management, data protection, identity and access management, Microsoft platform management, and unified endpoint management. With Quest, organizations spend less time on IT administration and more time on business innovation. For more information, visit www.quest.com.

Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at https://support.quest.com.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request.
- View Knowledge Base articles.
- Sign up for product notifications.

- Download software and technical documentation.
- View how-to-videos.
- Engage in community discussions.
- Chat with support engineers online.
- View services to assist you with your product.

Third-party contributions

This product contains the following third-party components. For third-party license information, go to https://www.quest.com/legal/license-agreements.aspx. Source code for components marked with an asterisk (*) is available at https://opensource.quest.com.

Table 5. List of third-party contributions

Component	License or acknowledgment
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4 Polaris Way
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