

Quest® NetVault® Backup Plug-in *for SnapMirror to Tape* 11.4.5 Release Notes

February 2018

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. An intuitive, easy-to-use GUI gives you a single, centralized console to configure backup and restore policies for all your NetApp filers.

Plug-in *for SnapMirror to Tape* 11.4.5 is a minor release, with new features and functionality.

Enhancements

The following is a list of enhancements implemented in NetVault Backup Plug-in *for SnapMirror to Tape* 11.4.5.

Table 1. General enhancements

| Enhancement | Issue ID |
|--|-----------|
| In support of the NDMP protocol extension for Cluster Aware Backup (CAB), added support of the NetApp Data ONTAP Cluster Mode (C-Mode) browse extension. | DNSTP-136 |

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 2. Known issues

| Known issue | Issue ID |
|---|-----------------------------|
| Restores that span tapes fail with the following error: "SMTAPE: Bad block in read stream. vbn = xxxxxxxxxx, max_vbn = xxxxxxxxxx" | DNSTP-55 (13506, NTG-60) |
| On NetApp ONTAP 8.1.7 Mode filers, the plug-in restores data correctly, but reports the job status as failed and generates a dump. | DNSTP-64 (13515, NTG-69) |
| When specifying a backup path, if you omit the starting slash, the job stops responding. | DNSTP-105 (29586) |
| 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. | DNNDMP-626 (29613) |
| When performing a SnapMirror to Tape backup job, if you kill the NDMP sessions, the job stops responding. | DNSTP-106 (29721) |
| Block Level Incremental (BLI) backups are not supported on Clustered Data ONTAP 8.3. | DNSTP-107 (29723) |
| If your backup job includes multiple volumes, all volumes are backed up even if you exclude specific volumes from the Backup Selection Set. Workaround: Open the main node of the volume instead of selecting it, and then select the specific subvolumes that you want to include in the backup job. | DNSTP-130 |
| Selecting the Delete Previous Snapshot option or Delete All Previous Snapshots option, or both, with a BLI backup does not delete previous snapshots. | DNSTP-132 |
| 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 <i>Quest NetVault Backup Administrator's Guide</i> . | |
| The backup option Delete Snapshot on Exit (SMTAPE_DELETE_SNAPSHOT) is only supported on ONTAP versions 6.5 P5 and later, 6.5 H2 and later, and 6.5 R2 and later. | |
| 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: <ol style="list-style-type: none">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. | |

System requirements

Before installing Plug-in for *SnapMirror to Tape* 11.4.5, ensure that your system meets the following minimum hardware and software requirements.

Table 3. System requirements

| Requirement | Details |
|---|--|
| NetVault Backup | The Plug-in for <i>SnapMirror to Tape</i> 11.4.5 requires NetVault Backup 11.4 or later. |
| NetVault Backup Plug-in for <i>NDMP</i> | NetVault Backup Plug-in for <i>NDMP</i> 10.0.5 or later. |
| 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:

- **Hybrid server and client packages:** The hybrid packages are intended for users who do not have a pure 64-bit-only requirement.

These packages let you upgrade from pure 32-bit and hybrid installations of NetVault Backup. The hybrid packages retain binary compatibility with all previous versions of 32-bit and 64-bit plug-ins. These packages also work on 32-bit systems that do not have 64-bit capability.

- **Pure 64-bit server and client packages:** The pure 64-bit packages are intended for pure 64-bit operating systems. If you have a specific reason that you cannot use any 32-bit components (for example, you are using a Linux distribution that does not run 32-bit code), use these packages.

The pure 64-bit packages cannot be used to upgrade existing pure 32-bit or hybrid NetVault Backup installations. You must remove the existing pure 32-bit or hybrid version and install the pure 64-bit version separately. To reduce confusion, warning messages have been added to both the upgrade and installation packages to ensure that you understand that they are incompatible.

Depending on your OS type, make sure that you select the correct installation package to install the NetVault Backup Server software:

- **netvault-<RYYYYMMDD>-vx.x.x-Server-{LinuxX86Hybrid|WindowsX86Hybrid}:** Use this package to install or upgrade NetVault Backup Server on 32-bit or 64-bit systems.
- **netvault-<RYYYYMMDD>-vx.x.x-Server-{LinuxX86Pure64|WindowsX86Pure64}:** Use this package to install or upgrade NetVault Backup Server on pure 64-bit systems.

For client installations, make sure that you select the appropriate package based on your system.

Table 4. Pure64 builds

| OS | Core Build | Plug-in | | | | |
|--------|------------|---------|--------|--------|---------|--------|
| | | 32-bit | 64-bit | Hybrid | Itanium | Pure64 |
| 32-bit | 32-bit | X | | X | | |
| | Hybrid | X | | X | | |

Table 4. Pure64 builds

| OS | Core Build | Plug-in | | | Itanium | Pure64 |
|--------|------------|---------|--------|--------|---------|--------|
| | | 32-bit | 64-bit | Hybrid | | |
| 64-bit | Itanium | | | | X | |
| | 64-bit | | X | X | | |
| | Hybrid | X | X | X | | |
| | Pure64 | | | | | X |

i | **NOTE:** X = Compatible
Some plug-ins do not support Pure64-bit builds.

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

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Our brand, our vision. Together.

Our logo reflects our story: innovation, community and support. An important part of this story begins with the letter Q. It is a perfect circle, representing our commitment to technological precision and strength. The space in the Q itself symbolizes our need to add the missing piece—you—to the community, to the new Quest.

Contacting Quest

For sales or other inquiries, 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>.

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