

Quest[®] NetVault[®] Backup Plug-in for SQL Server 12.2, Revision 1

Release Notes

April 2019

Revised June 2019

These release notes provide information about the Quest[®] NetVault[®] Backup Plug-in *for SQL Server* release.

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About this release

Quest NetVault Backup (NetVault Backup) Plug-in *for SQL Server* (Plug-in *for SQL Server*) 12.2 is a minor release, with enhanced features and functionality. For complete product documentation, visit <https://support.quest.com/technical-documents>.

New features

New feature in Plug-in *for SQL Server* 12.2: Added support for Online Virtual Device Interface (VDI) backups with SQL Server 2017 for Linux. This feature supports Red Hat Enterprise Linux (RHEL) 7.3 and RHEL 7.4, SUSE Linux Enterprise Server (SLES) 12 SP2 and SP3, and Ubuntu 16.04. It works with the Full Database, Differential Database, Copy-Only, Incremental Transaction Log, and Tail-Log Backup Types. (DNPSS-1002)

Enhancements

The following is a list of enhancements implemented in NetVault Backup Plug-in for SQL Server 12.2.

Table 1. General enhancements

Enhancement	Issue ID
Added a Do Not Backup Read-Only Databases option for backup jobs that lets you exclude read-only databases from a backup job. This option does not apply to Copy-Only backups.	DNPSS-766
Added support for using the Use multiple snapshots to limit demands on system resources option with hardware-based, integrated VSS snapshots for the Dell Compellent product line. If you use this option with the Retain Snapshot as Persistent option, backups are always sent to storage and they are not retained as persistent snapshots.	DNPSS-1013
Added support for AlwaysOn Availability Groups with hardware-based, integrated VSS snapshots for the Dell Compellent product line.	DNPSS-1014
Added support for SQL Server 2019 with Windows Server 2016 or later.	DNPSS-1053
Added support for Windows Server 2019 with SQL Server 2014, 2016, 2017, and 2019.	DNPSS-1056
Added support for specifying an ODBC Driver in the SQL Server ODBC Driver field for a Windows environment.	DNPSS-1070

Resolved issues

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

Table 2. General resolved issues

Resolved issue	Issue ID
Corrected an issue that caused erasure of all stored Default Backup Options settings.	DNPSS-762 (30278)
Corrected an issue that caused backup jobs to complete with warnings but not display the reason in the NetVault Backup binary logs.	DNPSS-833
Corrected an issue that prevented the Use SQL Server Compression as Set in the SQL Server Instance and Use SQL Server Compression options from displaying in the list of Backup Compression options.	DNPSS-1041, DNPSS-1042

Known issues

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

Table 3. General known issues

Known issue	Issue ID
Restoring SQL Server Instances with filestream data fails if the database name is changed or relocated: If the database contains filestream data or files and you rename or relocate the database during the restore, an error message appears and the restore fails. On VSS-based restores, the message is "File <filestreamGroupName> cannot be restored to <originalFilestreamGroupDirectory>. Use WITH MOVE to identify a valid location for the file."	DNPSS-323 (17196, MSG-402)
If you use the Copy Database Files to Target Directory feature, restoring database files from VSS-based backups that contain filestream data does not retain folder structure: Restoring a VSS-based backup of a database that contained sub-folders restores all files to the same folder, that is, the directory structure is "flattened." Because the folder structure of the database is not recreated, a file-activation error appears when you try to access the database.	DNPSS-327 (17200, MSG-406)
Backup jobs of an AlwaysOn Availability Group fail if the plug-in fails to start on one node, even if there is no data for backup in the node.	DNPSS-862 (31573)
If you use the Copy Database Files to Target Directory restore option, it might fail with VSS-related errors if the SQL Server client or server software is not running on the destination server.	DNPSS-1031

Table 4. Third-party known issues

Known issue	Issue ID
If you upgrade to SQL Server 2012 or later, you can create a database by restoring a backup that was created using SQL Server 2008 or later; however, you cannot restore backups of master , model , or msdb .	DNPSS-504 (25048)

System requirements

Before installing Plug-in for SQL Server 12.2, ensure that your system meets the requirements outlined in the *Quest NetVault Backup Compatibility Guide* available at <https://support.quest.com/technical-documents>.

Upgrade and compatibility

Plug-in for SQL Server 12.2 requires NetVault Backup 11.4.5 or later. For complete supported-platform information, see the *Quest NetVault Backup Compatibility Guide*.

Product licensing

To obtain the license key for your NetVault Backup Server environment, determine the NetVault Machine ID of your main NetVault Backup Server. Also identify the machine IDs of any clients running application plug-ins, such as Oracle, MySQL, PostgreSQL, SQL Server, and Exchange.

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 appears 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 **Cancel**.

Upgrade and installation instructions

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

i **IMPORTANT:** With the introduction of Plug-in *for SQL Server* 5.0, the plug-in's internal name changed from "MS SQL" to "SQL Server." When upgrading from a version earlier than 5.0, do *not* remove the earlier version of the software until you have upgraded to 6.0. After you have upgraded to 6.0, you can complete the upgrade to 12.2. Installing 6.0 over the earlier version ensures that the backups created using the previous versions can be restored using the plug-in.

Due to the additional plug-in name change that occurred with 6.1, **you must remove the existing plug-in before you install the new version if you are using a version before 6.1**. This process ensures that items with the previous plug-in name are removed before items with the new plug-in name are installed.

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 is Unicode-enabled and supports any 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, Japan. It supports bidirectional writing (Arabic and Hebrew).

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

This release has the following known capabilities or limitations: Previously SQL Server plug-in supported "Multi byte Character sets."

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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
zlib 1.2.5	copyright © 1995-2010 Jean-loup Gailly and Mark Adler.

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Legend

-  **WARNING:** A WARNING icon indicates a potential for property damage, personal injury, or death.

-  **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

-  **IMPORTANT NOTE, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.