

Quest® NetVault® Backup Plug-in for SQL Server® 11.4.5

Release Notes

October 2017

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*) 11.4.5 is a minor release, with enhanced features and functionality. For complete product documentation, visit <https://support.quest.com/technical-documents>.

New features

New features in Plug-in *for SQL Server* 11.4.5:

- Added support for SQL Server® 2016 with Windows Server 2016.
- Enhanced usability of 'Add Instance' and 'Domain Administrator' options while configuring the Plug-in *for SQL Server*.
- Added support for Failover Cluster Instances (FCI) and AlwaysOn Failover Cluster Instances by providing SQL Virtual Client Name and IP Address.

Enhancements

The following is a list of enhancements implemented in Plug-in *for SQL Server* 11.4.5.

Table 1. General enhancements

Enhancement	Issue ID
Added a configurable parameter that allows you to set the maximum amount of memory that can be allocated to the compression restore-stream buffer.	DNPSS-496 (23704)
The NetVault Backup Plug-in <i>for SQL Server</i> is modified enabling restores of databases that were backup from an AlwaysOn Availability Group to be restored to a standalone nonclustered SQL Server instance.	DNPSS-634 (28317)
The Plug-in <i>for SQL Server</i> can be used with Failover Cluster Instances by entering the virtual IP address of one of the failover clusters. Run the backups using the Primary replica selection algorithm.	DNPSS-931 (30243)

Resolved issues

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

Table 2. General resolved issues

Resolved issue	Issue ID
In Plug-in <i>for SQL Server</i> version 6.1 and earlier, the plug-in could overrun the index markers for large-size databases. So, the start position marker had a higher value than expected. The issue was corrected in the plug-in version that followed the mentioned version 6.1 of the plug-in. Also, in Plug-in <i>for SQL Server</i> 11.4.5 more policy checks has been added to policy the index markers.	DNPSS-559 (27402)
An issue has been corrected that resulted in the Plug-in <i>for SQL Server</i> to display, in a failover cluster, the name of the active node listed under the All Instances browse tree node.	DNPSS-562 (27428)
Corrected an issue to ensure that the Plug-in <i>for SQL Server</i> only logs on to instances selected for backup in an AlwaysOn Availability Group. The Plug-in <i>for SQL Server</i> no longer logs on to each instance unless 'All Instances' option is selected.	DNPSS-723 (29799)
For Failover Cluster environments, an issue has been corrected, to allow the NetVault Backup Plug-in <i>for SQL Server</i> display the SQL Server Failover Virtual Instance, during browsing sessions to create Backup Selections Sets. The SQL Server Failover Virtual Instance can be added using the Add Instance action, or automatically detected if the SQL Server Browser Service is running in all the nodes of the Failover Cluster.	DNPSS-836 (31006)
In previous versions of the Plug-in <i>for SQL Server</i> , if a SQL Server database name contained one or more blank spaces, then the database was not being correctly displayed in the Backup Selections, and backups that included the database, also failed. The issue has been corrected, and the Plug-in <i>for SQL Server</i> properly handles SQL Database names containing one or more blank spaces.	DNPSS-839 (31084)
Corrected an issue to describe the number of connections to the SQL Server a Plug-in <i>for SQL Server</i> uses during VSS backup and VDI backup methods.	DNPSS-887 (32021)
Corrected an issue, that resulted in a failed restore of the msdb database, whenever the Plug-in <i>for SQL Server</i> was not able to access or obtain the running status of the SQL Server Agent Service. The issue occurred, even in the case in which the running status was the appropriate for resulting in a successful restore of the msdb database.	DNPSS-935 (32876)

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
SQL Server® 2005 SP2 is required for Windows Server® 2008 (32/64-bit): For more information, see http://www.microsoft.com/sqlserver/2005/en/us/system-requirements.aspx#ws . If SP2 is not installed, you might encounter errors when performing differential backups using either the Virtual Device Interface [VDI] or VSS backup methods as described in this article, http://support.microsoft.com/kb/921106/ .	DNPSS-235 (17108) (MSG-321)
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)
When you select Create New for the Selections field during creation of a backup job, the plug-in might erase all settings for the Default Backup Options item. If you have backup jobs that were set up using the Default Backup Options selection, subsequent runs of the jobs might fail. Workaround: Enter the settings for the Default Backup Options item, or create and assign a new set to jobs that previously used Default Backup Options.	DNPSS-762 (30278)
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)

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 2005 or later; however, you cannot restore backups of master , model , or msdb .	DNPSS-504 (25048)

System requirements

Before installing Plug-in for SQL Server 11.4.5, 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® 11.4.5 requires NetVault Backup 10.0 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 11.4.5. 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 supports any single-byte or multi-byte character set. In this release, all product components should be configured to use the same or compatible character encodings and should be installed to use the same locale and regional options. 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.

About us

We are more than just a name

We are on a quest to make your information technology work harder for you. That is why we build community-driven software solutions that help you spend less time on IT administration and more time on business innovation. We help you modernize your data center, get you to the cloud quicker and provide the expertise, security and accessibility you need to grow your data-driven business. Combined with Quest's invitation to the global community to be a part of its innovation, and our firm commitment to ensuring customer satisfaction, we continue

to deliver solutions that have a real impact on our customers today and leave a legacy we are proud of. We are challenging the status quo by transforming into a new software company. And as your partner, we work tirelessly to make sure your information technology is designed for you and by you. This is our mission, and we are in this together. Welcome to a new Quest. You are invited to Join the Innovation™.

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/contact.

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 © 1995-2017 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.