

# Quest® NetVault® Backup Plug-in for SQL Server® 11.2

## Release Notes

January 2017

Revised March 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*) 11.2 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* 11.2:

- Added support for SQL Server® 2016 with Windows Server 2012 and 2012 R2. (31911)
- Added a new Plug-in backup option- **Use multiple snapshots to limit demands on system resources:** Use this option with the VSS Backup Method to indicate the plug-in to group the databases in batches and take snapshots of the batches rather than a single snapshot including all the databases. Hence, the

amount of system resources used by the VSS sub-system is limited preventing exhaustion when large amount of databases are included in the backup job. (29319)

# Enhancements

The following is a list of enhancements implemented in Plug-in *for SQL Server* 11.2.

**Table 1. General enhancements**

<b>Enhancement</b>	<b>Issue ID</b>
Improved entries in NetVault Backup binary logs so that Full File and Filegroup backups indicate which files and filegroups are backed up.	30948
Added an <b>InstanceConfig</b> option to the <b>Actions</b> list to accommodate use of the plug-in with previous versions of NetVault Backup Server. This option is available if the All Instances node is selected. This option is similar to the <b>Configure</b> option; however, this option lets you specify the exact name of an instance and does not require specific credentials.	31129
For certain activities on Windows, it is necessary to impersonate a member of Administrators group on the client (s). Added an option <b>DomainAdmin</b> to the <b>Actions</b> list when the "Plug-in <i>for SQL Server</i> " node is selected. The 'Domain Administrator Account for Service Exploration' dialog box allows you to enter 'User Name', 'Password', and 'Domain'.	31250

# Resolved issues

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

**Table 2. General resolved issues**

<b>Resolved issue</b>	<b>Issue ID</b>
Corrected an issue to prevent the plug-in from generating duplicate backups of databases when multiple instances are selected.	28370
Corrected an issue that caused the plug-in to fail login acceptance for default All Instances when the NetVault Backup client was set to Japanese or French language.	31624

# 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
<p><b>SQL Server® 2005 SP2 is required for Windows Server® 2008 (32/64-bit):</b> For more information, see <a href="http://www.microsoft.com/sqlserver/2005/en/us/system-requirements.aspx#ws">http://www.microsoft.com/sqlserver/2005/en/us/system-requirements.aspx#ws</a>. 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, <a href="http://support.microsoft.com/kb/921106/">http://support.microsoft.com/kb/921106/</a>.</p>	17108 (MSG-321)
<p><b>Restoring SQL Server Instances with filestream data fails if the database name is changed or relocated:</b> 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 &lt;filestreamGroupName&gt; cannot be restored to &lt;originalFilestreamGroupDirectory&gt;. Use WITH MOVE to identify a valid location for the file."</p>	17196 (MSG-402)
<p><b>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:</b> 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.</p>	17200 (MSG-406)
<p>As noted in the user's guide, the plug-in always uses the MTF format for the <b>Media Format during VSS Restores</b> option if the backup target is tape-based.</p>	29778, 29928
<p>On a Virtual Client, the plug-in logs in to each instance listed under the <b>All Instances</b> node when you run a backup job, even if you are not backing up all the listed instances.</p>	29799
<p>When you select <b>Create New</b> for the <b>Selections</b> field during creation of a backup job, the plug-in might erase all settings for the <b>Default Backup Options</b> item. If you have backup jobs that were set up using the <b>Default Backup Options</b> selection, subsequent runs of the jobs might fail.</p> <p><b>Workaround:</b> Enter the settings for the <b>Default Backup Options</b> item, or create and assign a new set to jobs that previously used Default Backup Options.</p>	30278
<p>Backup jobs of an AlwaysOn Availability Group fails if the plug-in fails to start on one node, even if nothing needs to be backed up in the node.</p>	31573
<p>The backup and restore job fails, if the database files are located on the shares or on directories as mount points.</p> <p>This configuration is not supported by Quest NetVault Backup Plug-in <i>for SQL Server</i>.</p>	31913

**Table 4. Third-party known issues**

Known issue	Issue ID
<p>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 <b>master</b>, <b>model</b>, or <b>msdb</b>.</p>	25048

# System requirements

Before installing Plug-in for SQL Server 11.2, 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<sup>®</sup> 11.2 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<sup>®</sup>, MySQL, PostgreSQL, SQL Server<sup>®</sup>, 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 11.2. 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 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 <https://www.quest.com/company/contact-us.aspx> or call +1-949-754-8000.

## 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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