



Dell™ NetVault™ Backup Plug-in for SQL Server® 11.0, Revision 1

Release Notes

January 2016

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These release notes provide information about the Dell™ NetVault™ Backup Plug-in for SQL Server® release.

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About this release

Dell NetVault Backup (NetVault Backup) Plug-in for SQL Server (Plug-in for SQL Server) 11.0 is a major release, with enhanced features and functionality. For complete product documentation, visit <http://software.dell.com/support/>.

New features

New feature in Plug-in for SQL Server 11.0: Added support for pure 64-bit Windows®. To use the pure 64-bit version of the plug-in, you must use NetVault Backup 11.1 or later.

Enhancements

The following is a list of enhancements implemented in Plug-in for SQL Server® 11.0.

Table 1. General enhancements

Enhancement	Issue ID
Eliminated the requirement that you manually run <code>nvclientaccess</code> to enable communication between nodes in an AlwaysOn Availability Group. This requirement is still in place for version 10.x and earlier.	27573
Improved awareness and maintenance of configuration information to ensure that backups and restores are run using the correct administrative logon information for default and instance-specific setups.	28520, 30389
Improved display performance on the NetVault Backup Selections page when expanding a SQL Server Instance that contains multiple databases.	29226

Deprecated features

The following is a list of features that are no longer supported starting with NetVault Backup Plug-in for SQL Server 11.0: Windows Server 2003 and 2003 R2 (29355)

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 prevented closure of backup streams when a backup job was canceled.	23529
Corrected an issue that caused an erroneous “Backup not allowed. Check Configuration and Plug-in Edition License” message to appear when expanding a node under a Virtual Client.	27270
Corrected an issue in which using a named instance and a default instance on the same node prevented the plug-in from displaying the AlwaysOn Availability Group nodes on the named instance.	29074
Corrected an issue that prevented the plug-in from correctly using the Secondary Only algorithm option for backing up an AlwaysOn Availability Group.	29196
Fixed memory leaks.	29393
Reduced the time required to open the All Instances node if an instance is not running when the plug-in starts.	29767

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>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.</p> <p>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/.</p>	17108 (MSG-321)
<p>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.”</p>	17196 (MSG-402)
<p>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 subfolders 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>You must create separate jobs to restore databases from an AlwaysOn Availability Group and databases that are not included in a group. Also, you can only use the same job to restore databases from an AlwaysOn Availability Group if they reside in the same group.</p>	27431
<p>As noted in the user’s guide, the plug-in always uses the MTF format for the Media Format during VSS Restores 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 All Instances node when you run a backup job, even if you are not backing up all the listed instances.</p>	29799
<p>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.</p> <p>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.</p>	30278

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 master, model, or msdb.</p>	25048

System requirements

Before installing Plug-in for SQL Server 11.0, ensure that your system meets the requirements outlined in the *Dell NetVault Backup Compatibility Guide* available at <https://support.software.dell.com>.

Upgrade and compatibility

Plug-in for SQL Server® 11.0 requires NetVault Backup 10.0 or later. For complete supported-platform information, see the *Dell 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 **Close**.

Upgrade and installation instructions

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

- ① **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 11.0. 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 Dell

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Contacting Dell

For sales or other inquiries, visit <http://software.dell.com/company/contact-us.aspx> or call +1-949-754-8000.

Technical support resources

Technical support is available to customers who have purchased Dell software with a valid maintenance contract and to customers who have trial versions. To access the Support Portal, go to <https://support.software.dell.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. In addition, the Support Portal provides direct access to product support engineers through an online Service Request system.

The Support Portal enables you to:

- Create, update, and manage Service Requests (cases).
- View Knowledge Base articles.
- Obtain product notifications.
- Download software. For trial software, go to <http://software.dell.com/trials>.
- View how-to videos.
- Engage in community discussions.
- Chat with a support engineer.

Third-party contributions

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

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

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

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