



# Dell™ NetVault™ Bare Metal Recovery for Dell™ NetVault™ Backup Server 11.0, Revision 1

## Release Notes

February 2016

Revised April 2016

These release notes provide information about the Dell™ NetVault™ Bare Metal Recovery for Dell™ NetVault™ Backup Server release.

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## About this release

NetVault Bare Metal Recovery for NetVault Backup Server 11.0 is a minor release, with enhanced features and functionality. For complete product documentation, visit <http://software.dell.com/support/>.

- ① **IMPORTANT:** Starting with 10.0, NetVault Backup provides a web-based user interface (WebUI) to configure, manage, and monitor your NetVault Backup system. The procedures described in the user's guide for this version of the product are intended for the new WebUI. For procedures based on the NetVault Backup Console (user interface available with NetVault Backup 9.x), see the documentation for an earlier version of the product.

# New features

New features in NetVault Bare Metal Recovery for NetVault Backup Server 11.0:

- Added support for GRUB2 boot loader. (30626)
- Added backend multipath support. (30627)

# Enhancements

The following is a list of enhancements implemented in NetVault Bare Metal Recovery for NetVault Backup Server 11.0.

**Table 1. General enhancements**

Enhancement	Issue ID
Updated VaultOS to GigaOS 7.1.	30623

# Resolved issues

The following is a list of issues addressed in 11.0, Revision 1.

**Table 2. General resolved issues**

Resolved issue	Issue ID
Replaced glibc-2.17-78.el7.x86_64 with glibc-2.17-106.el7_2.4.x86_64 to eliminate the security vulnerabilities (CVE-2015-5229 and CVE-2015-7547).	30838

The following is a list of issues addressed in 11.0.

**Table 3. General resolved issues**

Resolved issue	Issue ID
Added support for Universal Serial Bus (USB) devices that use the 3.0 protocol.	26384, 26980
Corrected an issue that caused a kernel panic when used to recover a Dell Precision Rack 7910 XL workstation.	29949
Updated the Linux-based VaultOS to use an updated version of bash that eliminates the vulnerability defined by CVE-2014-7169.	30629

# 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 4. General known issues

Known issue	Issue ID
When NetVault Bare Metal Recovery for NetVault Backup Server backup jobs have a status of “Waiting for Media” over an extended period, it might cause subsequent jobs to fail. These failures include Index Conflict errors after additional media items are made available to NetVault Backup and multiple previously scheduled jobs are run simultaneously.	360

## System requirements

Before installing NetVault Bare Metal Recovery for NetVault Backup 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

- NetVault Bare Metal Recovery for NetVault Backup Server is available as a separate download and is a specially-packaged version of NetVault Bare Metal Recovery that provides offline, bare metal protection for NetVault Backup Servers running on x86/x86-64-based operating systems that use locally-attached tape-based devices. The Bare Metal Recovery image of the NetVault Backup Server is taken by a LiveCD that is preloaded with a NetVault Backup Server, the NetVault Bare Metal Recovery Plug-in Server, and the drdaemon process. The Bare Metal Recovery image can then be transferred to a direct-attached tape-based library or standalone tape drive for recovery in case disaster recovery is required.
- The preloaded NetVault Backup Server uses NetVault Backup 10.0.0. However, this preloaded version of the NetVault Backup Server can protect and recover NetVault Backup Servers and Heterogeneous Clients running NetVault Backup 8.2.2 and later.

## 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 Bare Metal Recovery for Dell NetVault Backup Server 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, Japan.

The release is localized to the following languages: Japanese.

## 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.

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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.