Quest® NetVault® Bare Metal Recovery Plug-in *Live Client* for Linux 12.2

Release Notes

April 2019

These release notes provide information about the Quest® NetVault® Bare Metal Recovery Plug-in *Live Client* for Linux release.

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About this release

NetVault Bare Metal Recovery Plug-in *Live Client* for Linux 12.2 is a minor release, with enhanced features and functionality. For complete product documentation, visit https://support.quest.com/technical-documents.

Enhancements

The following is a list of enhancements implemented in NetVault Bare Metal Recovery Plug-in *Live Client* for Linux 12.2.

Table 1. General enhancements

Enhancement	Issue ID
Added support for 4K drives.	DNBMR-1156
To monitor the segment count between a backup started in shared memory and a completed backup, added an entry to the list of log messages.	DNBMR-1163

Table 1. General enhancements

Enhancement	Issue ID
Added support for Red Hat Enterprise Linux (RHEL) and CentOS 6.10.	DNBMR-1166
Added support for RHEL and CentOS 7.5.	DNBMR-1167

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 2. General known issues

Known issue	Issue ID
Backing up a Red Hat Enterprise Linux (RHEL) 5.1 Client might fail with the following error: `Cannot find the Xen hypervisor file which the system was booted with. Without this, it is not possible to perform a system installation. You should create the file /storix/config/multibootfile with a line specifying the full path to the hypervisor file and recreate the boot media.` **Workaround:** 1 Open **"/boot/grub/grub.conf"**, and find the section from which the machine was booted. It is similar to the following: `kernel /xen.gz-2.6.18-53.el5` 2 Create a file named **"/storix/config/multibootfile"** with a line specifying the full path to the hypervisor file as shown in the following example: `/boot/xen.gz-2.6.18-53.el5`	DNBMR-16 (17294, VLG-110), DNBMR-64 (17342, VLG-156)
After a successful restore, the size of mounted partitions might change and the temporary file systems might be unmounted. Manually mount the temporary filesystem (tmpfs) or edit **"/etc/fstab"** to mount it when the system starts.	DNBMR-24 (17302, VLG-118)
If the SCSI or network devices are not available upon booting from the Storix boot media, it might indicate that your device modules are not included on the boot media or not listed in the master modules file. **Workaround:** To add the missing SCSI and network device modules, perform the following steps on the client on which the boot media is created: 1 To copy the original "bootlist" file to your custom directory, issue the following command: `# cp /opt/storix/config/bootlist_scsi /storix/config/bootlist_scsi` **NOTE:** Use **"bootlist_network"** files when adding an entry for network driver and **"bootlist_scsi"** files when adding an entry for SCSI driver. 2 Open the **"bootlist"** file in the custom directory, and add your SCSI device modules following **#$ SCSI** adapters and network device modules following **"#$ Ethernet Network Adapters**. Use the following format to add the modules: **#MOD:S:module name:description** **Example:** #MOD:S:dc395x_trm:DC-395U SCSI adapter support	DNBMR-39 (17317, VLG-131)
On an Ubuntu client, the Storix maintenance shell does not return the **maint>** prompt after a restore. This issue occurs because **/bin/sh** is linked to **/bin/dash** in Ubuntu. When the restore completes, Storix does a **chroot** to the newly restored root and invokes **/bin/sh**. This shell does not display any prompt.	DNBMR-68 (17346, VLG-161)

Table 2. General known issues

Known issue	Issue ID

The plug-in does not support encrypted partitions. If an encrypted partition is enabled, a backup fails with the following errors:
`Warning: Volume Group VolGroup00 will be ignored because it contains physical volume mapper/luks-bfb0ef38-6066-4d0e-9e15-8c5fbe53ee4f, which is not a supported device type.`
`Error: The / filesystem exists on the system but is not included on the backup because it is in a logical volume you did not select to include. You must include volume group VolGroup00 on a system backup.`
	DNBMR-83 (17361, VLG-175)

If you are using Storix, restoring to the same client or a different client of the same disk size—either of which is configured as part of a logical group and volume—causes the following message to appear: `The following non-fatal errors must be corrected before continuing: Disk sdb: This disk is not large enough for the partitions as they are currently defined. You must reduce the space requirements on this disk by at least 7MB by removing the partitions or reducing their sizes.` **Workaround:** To adjust the partition sizes, use the **View/Change Installation Settings** feature in Storix.	
To allow the recovery process to re-create a striped logical volume across multiple disks, manually change the stripe size. 1 From the **Main Menu** in Storix, select **View/Change Installation Settings > Logical Volume Management > Add or Change Logical Volume**. 2 Select the applicable volume, and press **Enter**. 3 Change the **Stripe Size** from **0** to the size that was originally configured. 4 To return to the **Main Menu**, press **F3** on each selection screen.	
Because **Storix SBAdmin** does not support the Dell EqualLogic driver, the plug-in does not support backup jobs sent to Dell EqualLogic devices.	DNBMR-1079, DNBMR-1097 (31073, 32465)

System requirements

Before installing NetVault Bare Metal Recovery Plug-in *Live Client* for Linux 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

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 is displayed 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

- If you are upgrading from a previous version of the plug-in, remove the existing version of the plug-in. For details on removing the plug-in, see the *Quest NetVault Bare Metal Recovery User's Guide*.
- If you are upgrading from a previous version of the plug-in, upgrade all clients and servers to the same version. (DNBMR-901)
- For upgrade and installation instructions, see the *Quest NetVault Bare Metal Recovery 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: Chinese (Simplified), French, German, Japanese, Korean.

About us

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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.

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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.