

Quest® NetVault® Bare Metal Recovery Plug-in *Live Client* for Linux 14.0

Release Notes

October 2023

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

Enhancements

The following is an enhancement implemented in NetVault Bare Metal Recovery Plug-in *Live Client* for Linux 14.0

- **NOTE:** NetVault Bare Metal Recovery Plug-in *Live Client* for Linux 14.0 does not offer backward compatibility with BMR 13.x version backups. It uses Storix, a third-party DR boot utility, to boot the target NetVault Bare Metal Recovery Client and recover data. For restoring BMR 13.x versions, use 13.x servers only.

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 1. General known issues

Known issue	Issue ID
<p>Backing up a Red Hat Enterprise Linux (RHEL) 5.1 Client might fail with the following error:</p> <pre>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.</pre> <p>Workaround:</p> <ol style="list-style-type: none"> 1 Open “/boot/grub/grub.conf”, and find the section from which the machine was booted. It is similar to the following: <code>kernel /xen.gz-2.6.18-53.el5</code> 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: <code>/boot/xen.gz-2.6.18-53.el5</code> 	<p>DNBMR-16 (17294, VLG-110), DNBMR-64 (17342, VLG-156)</p>
<p>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.</p>	<p>DNBMR-24 (17302, VLG-118)</p>
<p>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.</p> <p>Workaround:</p> <p>To add the missing SCSI and network device modules, perform the following steps on the client on which the boot media is created:</p> <ol style="list-style-type: none"> 1 To copy the original “bootlist” file to your custom directory, issue the following command: <pre># cp /opt/storix/config/bootlist_scsi /storix/config/bootlist_scsi</pre> <p>NOTE: Use “bootlist_network” files when adding an entry for network driver and “bootlist_scsi” files when adding an entry for SCSI driver.</p> <ol style="list-style-type: none"> 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.” <p>Use the following format to add the modules: #MOD:S:module name:description</p> <p>Example: <code>#MOD:S:dc395x_trm:DC-395U SCSI adapter support</code> </p>	<p>DNBMR-39 (17317, VLG-131)</p>
<p>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.</p>	<p>DNBMR-68 (17346, VLG-161)</p>
<p>The plug-in does not support encrypted partitions. If an encrypted partition is enabled, a backup fails with the following errors:</p> <pre>Warning: Volume Group VolGroup00 will be ignored because it contains physical volume mapper/luks-bfb0ef38-6066-4d0e-9e15-8c5f53ee4f, 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.</pre>	<p>DNBMR-83 (17361, VLG-175)</p>

Known issue

Issue ID

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 SBAAdmin** 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)

The virtual machine failed to start after a physical-to-virtual (P2V) restore.

DNBMR-1271

Workaround: Before you take a backup of a physical machine, start and run the command `dracut -f -N` to ensure the recovery process succeeds.

File and folder has been garbled since restore completed

DNBMR-1294

System requirements

Before installing NetVault Bare Metal Recovery Plug-in *Live Client* for Linux 14.0, ensure that your system meets the requirements outlined in the *Quest NetVault Compatibility Guide* available at <https://support.quest.com/technical-documents>.

Upgrade and compatibility

For complete supported-platform information, see the *Quest NetVault Compatibility Guide*.

Product licensing

To obtain the license file for your NetVault Server environment, determine the NetVault Machine ID of your main NetVault 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 License Management page to install the product license files.

- [Obtaining a machine ID](#)
- [Installing a license file](#)

Obtaining a machine ID

- 1 Start the NetVault WebUI.
- 2 In the Navigation pane, click **License Management**.
- 3 In the **Clients Details** list, note the machine ID for the applicable Server or Client entry.

Installing a license file

- 1 In the **Navigation** pane, click **License Management**.
- 2 On the **License Management** page, click **Install License**.
Because the NetVault WebUI is tied to a specific NetVault Server and all licenses are installed on the NetVault Server, the program automatically installs the license on the correct machine.
- 3 In the **Choose License File/s** dialog box, click **Select a file**, point to the “.dlv” file that contains the license key, and click **Open**.
- 4 In the dialog box, click **OK** to apply the selected license file.
After the key is applied successfully, a message is displayed.
- 5 To dismiss the message, click **X**.

Upgrade and installation instructions

For upgrade and installation instructions, see the *Quest NetVault Bare Metal Recovery Plug-ins 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

Quest provides software solutions for the rapidly-changing world of enterprise IT. We help simplify the challenges caused by data explosion, cloud expansion, hybrid datacenters, security threats, and regulatory requirements. We are a global provider to 130,000 companies across 100 countries, including 95% of the Fortune 500 and 90% of the Global 1000. Since 1987, we have built a portfolio of solutions that now includes database management, data protection, identity and access management, Microsoft platform management, and unified endpoint management. With Quest, organizations spend less time on IT administration and more time on business innovation. For more information, visit www.quest.com.

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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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.

