

# Quest<sup>®</sup> NetVault<sup>®</sup> Bare Metal Recovery Plug-in Live Client for Linux<sup>®</sup> 11.2 Release Notes

**February 2017**

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

Topics:

- [About this release](#)
- [Known issues](#)
- [System requirements](#)
- [Product licensing](#)
- [Upgrade and installation instructions](#)
- [More resources](#)
- [Globalization](#)
- [About us](#)

## About this release

NetVault Bare Metal Recovery Plug-in Live Client for Linux 11.2 is a minor release, with enhanced features and functionality. For complete product documentation, visit <http://software.dell.com/support/>.

# 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><b>Workaround:</b></p> <ol style="list-style-type: none"> <li>1 Open <b>“/boot/grub/grub.conf”</b>, 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></li> <li>2 Create a file named <b>“/storix/config/multibootfile”</b> 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></li> </ol>	17294 (VLG-110), 17342 (VLG-156)
<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 <b>“/etc/fstab”</b> to mount it when the system starts.</p>	17302 (VLG-118)
<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><b>Workaround:</b></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"> <li>1 To copy the original <b>“bootlist”</b> file to your custom directory, issue the following command:  <pre># cp /opt/storix/config/bootlist_scsi /storix/config/bootlist_scsi</pre> <p><b>NOTE:</b> Use <b>“bootlist_network”</b> files when adding an entry for network driver and <b>“bootlist_scsi”</b> files when adding an entry for SCSI driver.</p> </li> <li>2 Open the <b>“bootlist”</b> file in the custom directory, and add your SCSI device modules following <b>“\$ SCSI adapters</b> and network device modules following <b>“\$ Ethernet Network Adapters</b>.</li> </ol> <p>Use the following format to add the modules: <b>#MOD:S:module name:description</b></p> <p><b>Example:</b> <code>#MOD:S:dc395x_trm:DC-395U SCSI adapter support</code> </p>	17317 (VLG-131)
<p>On an Ubuntu® client, the Storix maintenance shell does not return the <b>maint&gt;</b> prompt after a restore. This issue occurs because <b>/bin/sh</b> is linked to <b>/bin/dash</b> in Ubuntu. When the restore completes, Storix does a <b>chroot</b> to the newly restored root and invokes <b>/bin/sh</b>. This shell does not display any prompt.</p>	17346 (VLG-161)
<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-9e15-8c5fbe53ee4f, 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.</pre>	17361 (VLG-175)

Table 1. General known issues

Known issue	Issue ID
<p>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:</p> <p>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.</p> <p><b>Workaround:</b> To adjust the partition sizes, use the <b>View/Change Installation Settings</b> feature in Storix.</p> <p>To allow the recovery process to re-create a striped logical volume across multiple disks, manually change the stripe size.</p> <ol style="list-style-type: none"><li>1 From the <b>Main Menu</b> in Storix, select <b>View/Change Installation Settings &gt; Logical Volume Management &gt; Add or Change Logical Volume</b>.</li><li>2 Select the applicable volume, and press <b>Enter</b>.</li><li>3 Change the <b>Stripe Size</b> from <b>0</b> to the size that was originally configured.</li><li>4 To return to the <b>Main Menu</b>, press <b>F3</b> on each selection screen.</li></ol>	
<p>Because <b>Storix SBAAdmin</b> does not support the Dell™ EqualLogic™ driver, the plug-in does not support backup jobs sent to Dell EqualLogic devices.</p>	31073, 32465

## System requirements

Before installing NetVault Bare Metal Recovery Plug-in Live Client for Linux 11.2, ensure that your system meets the requirements outlined in the *Quest NetVault Backup Compatibility Guide* available at <https://support.software.dell.com>.

## 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. (21748)
- 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: Japanese.

# 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 <http://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.

© 2017 Quest Software Inc.

**ALL RIGHTS RESERVED.**

This guide contains proprietary information protected by copyright. The software described in this guide is furnished under a software license or nondisclosure agreement. This software may be used or copied only in accordance with the terms of the applicable agreement. No part of this guide may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording for any purpose other than the purchaser's personal use without the written permission of Quest Software Inc.

The information in this document is provided in connection with Quest Software products. No license, express or implied, by estoppel or otherwise, to any intellectual property right is granted by this document or in connection with the sale of Quest Software products. EXCEPT AS SET FORTH IN THE TERMS AND CONDITIONS AS SPECIFIED IN THE LICENSE AGREEMENT FOR THIS PRODUCT, QUEST SOFTWARE ASSUMES NO LIABILITY WHATSOEVER AND DISCLAIMS ANY EXPRESS, IMPLIED OR STATUTORY WARRANTY RELATING TO ITS PRODUCTS INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. IN NO EVENT SHALL QUEST SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, PUNITIVE, SPECIAL OR INCIDENTAL DAMAGES (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION OR LOSS OF INFORMATION) ARISING OUT OF THE USE OR INABILITY TO USE THIS DOCUMENT, EVEN IF QUEST SOFTWARE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Quest Software makes no representations or warranties with respect to the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and product descriptions at any time without notice. Quest Software does not make any commitment to update the information contained in this document.

If you have any questions regarding your potential use of this material, contact:

Quest Software Inc.  
Attn: LEGAL Dept.  
4 Polaris Way  
Aliso Viejo, CA 92656

Refer to our website ([www.quest.com](http://www.quest.com)) for regional and international office information.




**Patents**

Quest Software is proud of our advanced technology. Patents and pending patents may apply to this product. For the most current information about applicable patents for this product, please visit our website at [www.quest.com/legal](http://www.quest.com/legal).

**Trademarks**

Quest, the Quest logo, Join the Innovation, and NetVault are trademarks and registered trademarks of Quest Software Inc. in the U.S.A. and other countries. For a complete list of Quest Software trademarks, please visit our website at [www.quest.com/legal](http://www.quest.com/legal). Dell and EqualLogic are trademarks of Dell Inc. in the United States and/or other jurisdictions. Red Hat and Red Hat Enterprise Linux are trademarks or registered trademarks of Red Hat, Inc. in the U.S. and other countries. SQL Server, Windows, and Windows Server are registered trademarks of Microsoft Corporation in the United States and/or other countries. Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both. Storix is a registered trademark of Storix, Inc. in the USA and other countries. Ubuntu is a registered trademark of Canonical Ltd. Oracle is a registered trademark of Oracle and/or its affiliates in the United States and other countries. Xen is a registered trademark of Citrix Systems, Inc. and/or one or more of its subsidiaries, and may be registered in the United States Patent and Trademark Office and in other countries. All other trademarks, servicemarks, registered trademarks, and registered servicemarks are the property of their respective owners.

**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.