

Dell DL4000 Appliance Release Notes



Notes, cautions, and warnings

-  **NOTE:** A NOTE indicates important information that helps you make better use of your computer.
-  **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.
-  **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Introduction

This document describes important product information and additional information on the Dell DL4000 Appliance. This release has Rapid Recovery 6.0.2 as a new feature.

 **NOTE:** For more information on the new features in this release see the *Dell DL4000 Appliance Deployment Guide* at dell.com/support/manuals.

About Dell DL4000 Appliance

The DL4000 appliance is a fully configured backup appliance that is powered by AppAssure software. The DL4000 integrates storage capacity and standby virtual machines (VMs) with snapshot, replication, deduplication, and compression software to quickly recover applications and data.

Your appliance:

- Helps eliminate your backup window.
- Creates snapshots as often as every 5 minutes.
- Maintains multiple standby VMs to quickly restore critical servers.
- Offers integrated, inline block-level deduplication and compression, combined with optimized backups for WAN replication.
- Provides a wizard based configuration utility to automatically provision DL4000 storage and iDRAC for remote management.

About DL Appliance Software

The Dell DL Appliance software offers near-zero recovery time objectives and recovery point objectives. More than disaster recovery, DL Appliance software offers data solutions for data migration and management. You have the flexibility of performing bare-metal restore (to similar or dissimilar hardware), and you can restore backups to physical or virtual machines, regardless of origin. The DL Appliance software can also archive to the cloud, to a Dell DL series backup and recovery appliance, or to a supported system of your choice. With the DL Appliance software, you can replicate to one or more targets for added redundancy and security.

For more information, see: <https://support.software.dell.com>.

Other information you may need

 **NOTE:** For all Dell OpenManage documents, go to dell.com/openmanagemanuals.

 **NOTE:** Always check for updates on dell.com/support/home and read the updates first because they often supersede information in other documents.



NOTE: For any documentation related to Dell OpenManage Server Administrator, see dell.com/openmanage/manuals.

You product documentation includes:

Getting Started Guide	Provides an overview of system features, setting up your system, and technical specifications. This document is also shipped with your system.
Owner's Manual	Provides information about system features and describes how to troubleshoot the system and install or replace system components.
Deployment Guide	Provides information on hardware deployment and the initial deployment of the appliance.
User's Guide	Provides information about configuring and managing the system.
OpenManage Server Administrator User's Guide	Provides information about using Dell OpenManage Server Administrator to manage your system.
System Placemat	Provides information on how to set up the hardware and install the software on your solution.
Resource Media	Any media that ships with your system that provides documentation and tools for configuring and managing your system, including those pertaining to the operating system, system management software, system updates, and system components that you purchased with your system.
Interoperability Guide	Provides information on supported software and hardware for the DL4000 appliance as well as usage considerations, recommendations, and rules.

Registering your appliance on the license portal

1. In your web browser, navigate to the License Portal at the website URL that was provided to you in the email you received upon purchase.
2. On the **Register** page, in the `Email Address` text box, enter the email address associated with your contract.
3. Enter the license number for your appliance.
If you have multiple appliances, enter a license number and then press **Enter** to enter additional numbers.
4. Click **Activate**.
If the email address that you entered is not registered on the License Portal (if there was a new License Portal account), you are prompted to create an account in the License Portal using that email address.
5. To create an account in the License Portal, enter the necessary information.
After you register, you are logged on to the License Portal. An activation email is also sent to your email address.
6. A notification of successful registration appears, which also lists the license key. This notification describes the instructions for you to apply the license key to your appliance as follows:
 - a. Launch the Core Console for your appliance.
 - b. Go to **Configuration** → **Licensing**.
 - c. Click **Change License**.

d. Copy and paste the software license key included in the successful registration notification message, and then save your changes.

7. Click **OK**.

For more detailed information, see *Dell Software License Portal User Guide* available at <http://documents.software.dell.com/AppAssure/>.

Known issues and limitations for Rapid Recovery

 **NOTE:** Rapid Recovery version 6.0.2 is available. If upgrading from a localized version of a previous release (such as AppAssure 5.4.3), note that the upgraded Rapid Recovery components, including the Core Console and the PowerShell module, are only available in English.

Download DL Appliance Log feature fails

Description	On clicking Collect Logs on the Download DL Appliance Log panel, no results are displayed. Download DL Appliance Log doesn't work with Rapid Recovery 6.0.2.
Workaround/Solution	To manually locate the logs in your system: <ol style="list-style-type: none"> 1. Click Collect Logs. Wait until Collect Server Logs background job is finished. The job status can be tracked in the Core GUI either on the Events tab or running tasks drop-down in the upper-right corner of the page. 2. Go to, C:\ProgramData\AppRecovery\OMSA_logs. The zip file in this folder contains all the collected logs.

Some symbols are displayed as numeric codes in the backup link

Description	Some symbols are displayed as numeric codes in the backup link on the Appliance page on the Health tab in the Portuguese Rapid Recovery core.
Workaround/Solution	The backup link points to the Backup page in the Appliance tab. You can navigate to the page manually.

VM operation buttons are missing on the VM Management page

Description	VM operations buttons (start/stop) are not available on VM Management page. The Virtual Standby page is displayed instead.
Workaround/Solution	Go to the corresponding hypervisor (Hyper-V or ESXi) and make the setting changes.

Winbackup feature does not function using the Backup now button

Description	The Winbackup feature can't be forced using the Backup now button on the View Windows Backup Policy . The Backup now button is inactive on the popup page.
Workaround/ Solution	Click the Backup now button on the Appliance Backup page.

An incorrect link is displayed in the Backup Status message

Description	When creating a Windows backup, the backup fails. The following information appears in the Error Action field: <code>Retry by clicking on the "Configure" link on the Configuration pane below.</code> The Configure link does not exist.  NOTE: Ensure that the backup target disks are available before proceeding to the workaround.
Workaround/ Solution	Click the Backup Now button.

Appliance Backup tab freezes when creating a RASR USB drive

Description	When creating a RASR USB drive, the Appliance Backup tab freezes.  NOTE: You can still access other pages on the Core Console. You can track the RASR USB drive creation progress on the Events tab of the Core.
Workaround/ Solution	Wait until the RASR USB drive is created before accessing the Backup tab.  NOTE: It takes approximately 30 minutes to create the RASR USB drive.

Error message displayed when creating a RASR USB drive in the Appliance Backup tab

Description	An error message: <code>The following critical files and/or directory paths required for RASR USB drive creation are missing: winre.wim, bootmgr, bmr</code> may appear in the Appliance Backup tab.
Workaround/ Solution	Wait till the RASR USB is created and refresh the page.

Error displayed when you click the virtual standby tab

Description	The server does not respond when several export jobs are running simultaneously.
Workaround/ Solution	Close the error and retry the action.

Cannot recover the DVM repository after remounting volumes if one of the mount points was removed on your appliance

Description	Recovering a DVM repository fails on Appliances if the repository was provisioned on several controllers and one of the mount points was removed.  NOTE: Ensure you use the PERC H710P Mini controller to create the initial repository.
Workaround/ Solution	<ol style="list-style-type: none">1. Assign drive letters to volumes with storage locations of the repository.2. Manually restore Core settings or use the Open Existing Repository option through the Repositories pane specifying valid paths for repositories.

DVM Repository created in Rapid Recovery 6.0 cannot be mounted in AppAssure 5.4.3

Description	After a factory restore on the Appliance, the DVM repository on Rapid Recovery 6.0 cannot be mounted to AppAssure 5.4.3 due to changes in how repositories are identified.
Workaround/ Solution	Upgrade to Rapid Recovery 6.0 and then use the Open Existing Repository option. If a repository was created in Rapid Recovery 6.0, and after a factory restore the repository exists in AppAssure 5.4.3, then immediately (the first step in the Appliance GUI) upgrade to Rapid Recovery 6.0.

After upgrading to Rapid Recovery 6.0, Recovery and Update Utility fails to start after a reboot

Description	When using the Dell DL Appliance Recovery and Update Utility (RUU), a failed script error message appears after a system reboot. The core services cannot be started automatically.
Workaround/ Solution	Manually restart the RUU, wait until it completes and then launch the Core Console using the desktop icons.

 **NOTE:** Do not launch the Core Console while the RUU is running.

On upgrading the Core from AppAssure 5.4.3 to Rapid Recovery 6.0, the Core Console does not launch automatically

Description	After upgrading the Core from AppAssure 5.4.3 to Rapid Recovery 6.0, you are prompted to restart the system. On restarting the system the <code>startAA.vbs</code> script does not open the Core Console but displays a Windows Script Host error.
Workaround/Solution	After upgrading to Rapid Recovery 6.0, manually start the Core Console by clicking the icon on the desktop.

Error displayed when remounting volumes

Description	When recovering a DVM repository the following error is displayed: <code>Failed read consistency lock on IsSpare_AC or MediaPresent_DiskDriveToStorageExtent_AC Association Cache</code> . The error occurs when a repository was provisioned on several controllers and one of the mount points was removed.
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 **NOTE:** Ensure you use the PERC H710P Mini controller to provision storage.

Workaround/Solution	<ol style="list-style-type: none">1. Assign drive letters to volumes with storage locations of the repository.2. Manually restore Core settings or Open Existing Repository through the Repositories pane specifying valid paths for repositories.
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Rapid Recovery 6.0 displays an error when ESX(i) host is offline

Description	After exporting ESX(i) virtual standby, if the state of ESX(i) host is offline, the error: <code>Unable to connect to the remote server now</code> is displayed.
Workaround	If an ESXi server backed Virtual Standbys exist, ensure all hosting ESXi servers are up and operational.

Known issues and limitations for AppAssure

Running out of space while executing or configuring backup policy in the Backup tab on the Appliance page

Description	The Winbackup virtual disk can accommodate up to 75 GB of data. If the backup data exceeds 75 GB, an out of capacity error is displayed.
Workaround/Solution	The Winbackup disk capacity cannot be increased but the Windows backup can be reconfigured to a network share or to another disk volume on the DL Appliance. For more information see, <i>Recovering a Dell™ DL Backup and Recovery Appliance using Rapid Appliance Self Recovery (RASR)</i> at Dell.com/storagemanuals .

Dell DL Appliance Applications fail with an error during the Recovery and Update Utility

Description	Dell DL Appliance Applications fail with the error <code>There was an error while installing Dell DL Appliance during the Recovery and Update Utility (RUU)</code> .
Workaround/Solution	Contact support. RUU is an important tool that introduces many changes to the environment, if some of the steps cannot be executed, the system might be left in an inconsistent state.

Unable to recover the Appliance with Windows Recovery Wizard when booting from a USB drive

Description	When a USB drive is formatted as a RASR USB drive, the appliance does not recognize the USB drive and displays it as a Fixed Disk in the operating system.
Workaround/Solution	Do not use any USB drives that shows up as a Fixed Disk in the operating system.

Remount fails for both controllers after a Recovery and Update Utility (version # 184) upgrade and a factory restore

Description	The remount volume was not able to restore the mount point previously used by the VM volume because the volume letter was reassigned to other removable devices.
Workaround/Solution	Remove all removable media from the system and then run Remount Volumes again.

Occasionally Windows Recovery Wizard fails if Rapid Appliance Self Recovery (RASR) was launched from bootable RASR virtual disk

Description	When RASR is launched from a bootable RASR virtual disk, the following error is displayed: To restore this computer, Windows needs to format the drive that the Windows Recovery Environment is currently running on. To continue with the restore, shut down the computer and boot it from a Windows installation disc or a system repair disc and then try the restore again.
Workaround/Solution	Perform restore using System Recovery option.

Virtual disks fail to get created when running the AppAssure Appliance Recovery Wizard

Description	The Rapid Appliance Self Recovery and the Winbackup virtual disks fail to get created when running the AppAssure Appliance Recovery Wizard.
Workaround/Solution	Perform the following: <ol style="list-style-type: none">1. If the AppAssure Appliance Recovery Wizard fails with both Virtual disk options selected, deselect one of the Virtual disks to complete the AppAssure Appliance Recovery Wizard.2. If step 1 fails reverse the selection. If this combination also fails it usually means the DL Appliance is out of disk space.3. Deselect both the VDs so that the AppAssure Appliance Recovery Wizard skips VD creation altogether. AppAssure Appliance Recovery Wizard should then complete successfully.

Windows Backup Policy state changes to Bad Policy after clicking the Backup now button

Description On clicking the **Backup Now** button on the **Windows Backup Policy**, the description of the bad policy reads as `Recovery volume is not part of the configured Windows Backup Policy`. This issue occurs if the Recovery Partition was deleted before System Recovery or just after System Recovery.

 **CAUTION: Do not delete the Recovery Partition.**

Workaround/Solution Perform a Factory reset through the RASR USB drive or IDSDM.

AppAssure Core upgrade fails when performed manually

Description This issue occurs when trying to upgrade the Core outside the Recovery and Update Utility (RUU) process.

Workaround/Solution Before performing the Core update, stop the following services:

- Dell Storage Management Web Service
- DSM SA Connection Service
- DSM SA Data Manager
- DSM SA Event Manager
- DSM SA Shared Services

Restart the services after the update.

When remounting volumes on the Provisioning page a new job with an error status is created

Description On remounting volumes on the **Provisioning** page a new job with an error status is created. This issue occurs after rebooting the appliance from a Rapid Appliance Self Recovery (RASR) USB drive and performing a factory reset.

Workaround/Solution Remove all USB drives when provisioning.

The Remount volumes button on Appliance tab does not remount the repository volume

Description If a mount point is deleted in a repository disk, the **Remount volumes** button on **Appliance** tab does not work.

Workaround/Solution To restore the volume mount point:

1. Open the **Repository** tab and expand the error repository.
2. Copy the repository file path.
3. Open **Operating system Disk Manager: Server Manager** → **Tools** → **Computer Management** → **Disk Management**.
4. Find the repository disk, the name of the disk contains repository information.
5. Right-click the disk and select **Change drive letter and paths**.
6. Click **Add**.
7. Select **Mount** in the NTFS folder.
8. Paste the path copied in step 2.
9. To remove File_X, edit the path. (For example, if the path of the repository is C:\DLDisks\Repository 1\disk_1234567890\File_0, you have to change it to C:\DLDisks\Repository 1\disk_123456790)
10. Click **OK**.
11. Repeat for all the repository paths that you can see in step 2 if they differ. Ignore the File_X number, if the rest of the path is the same, you do not have to repeat this step.
12. After all failed repository paths are restored, go to **Configuration** → **Repositories** tab, and click **check repository**.

At times nonlocalized messages are displayed in the AppAssure Core and the AppAssure Event log

Description	Sometimes nonlocalized messages are displayed in the AppAssure Core (lower-right corner of the screen) and the AppAssure Event log.
Workaround/Solution	Restart the Core, WMI and SRM Web Service services, then empty the browser cache and restart the browser.

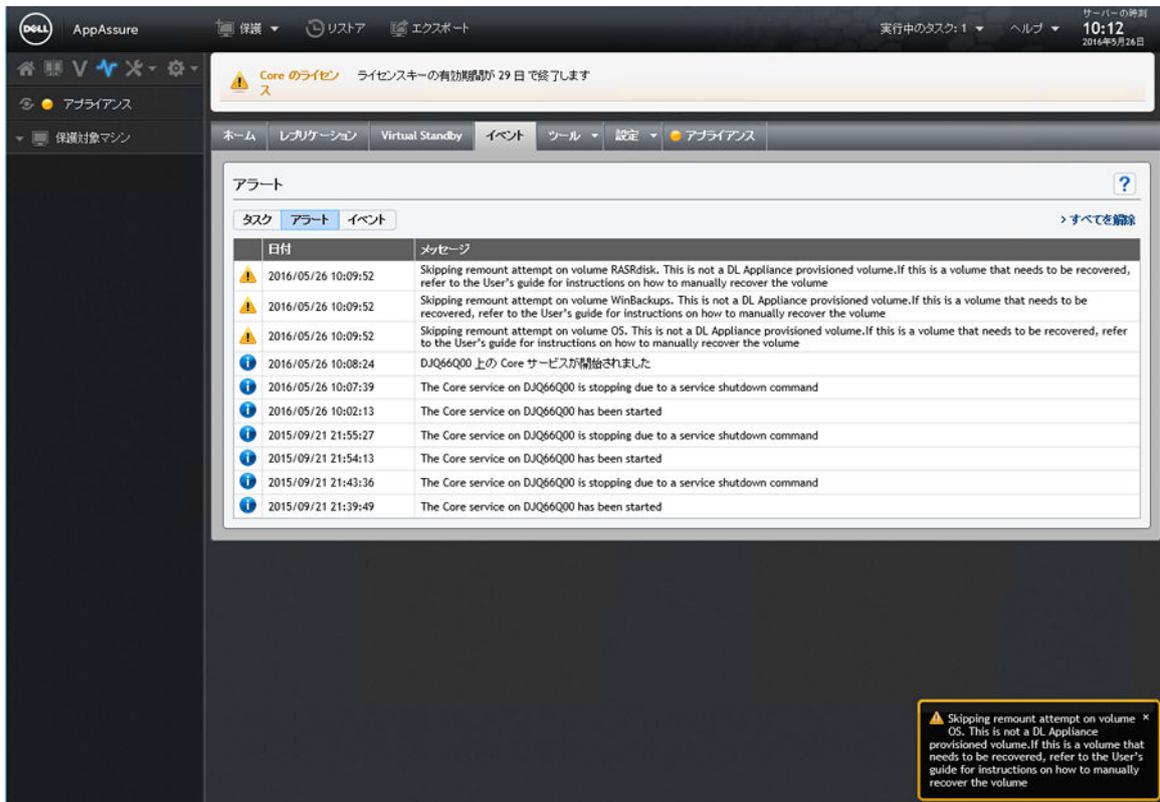


Figure 1. Nonlocalized messages displayed in the AppAssure Core and the AppAssure Event log

Do not use underscore in the hostname

Description

 **CAUTION:** It is recommended not to use underscore in the hostname, the Open Manage Server Administrator (OMSA) portal may not work.

Workaround/
Solution

For the new host name to take effect, manually change the hostname through the operating system and restart the appliance.

Recovery and Update Utility build 99 fails

Description

Recovery and Update Utility (RUU) build 99 fails on DL Appliances during a Rapid Appliance Self Recovery (RASR) update.

Workaround/
Solution

Do not use build 99. If you have installed build 99, upgrade to the latest RUU.

On remounting volumes an error occurs when one of the mount points is removed on the appliance

Description The error *Failed read consistency lock on IsSpare_AC or MediaPresent_DiskDriveToStorageExtent_AC Association Cache* is displayed when repository was provisioned on several controllers and one of the mount points was removed.

**Workaround/
Solution**

1. Restart Core's Service.
2. To get access to the disks, proceed to the **Disk Management** and assign a letter to both repository disks.
3. To view **Open Existing DVM Repository** window, click **Open Existing Repository** button from the **Repositories** tab. Enter the path of repository in the **Path** field that corresponds to the volumes with assigned letters (step 2).
4. Click **Open**.
5. Fix storage paths for current repository by clicking the **Change** link.
6. Specify both location paths that correspond to the volumes with assigned letters (step 2).
7. Click **OK**.
8. Refresh the **Repositories** tab.

Content in the DL Appliance Backup tab is missing after running the Recovery and Update Utility

Description After you recover your Appliance through the Recovery and Update Utility (RUU) and restart the AppAssure Core Web Console, content in the Appliance **Backup** tab goes missing if a web browser is open while the RUU is running.

**Workaround/
Solution**

Clear the browser cache, close the browser, and start the AppAssure Core Web Console.

Error displayed while creating the RASR USB key

Description While creating the RASR USB key, the following message is displayed: `Unable to connect to Dell storage management Web service. Try restarting the Windows Management Instrumentation service, and then restart the Dell Storage Management Web and reload this page.`

**Workaround/
Solution**

Ignore this message.

View Policy in the appliance tab responds slowly

Description	When you click the View Policy button, it changes appearance, but takes some time for the dialog box to display. If you interact with the user interface during this delay, the following message is displayed: <hostname> is not responding.
Workaround/ Solution	Wait for this message to disappear.

Error displayed when the hostname of your appliance is configured and added to a domain

Description	When you change the hostname of your appliance and add it to a domain with an identical hostname, the following message is displayed: A critical error occurred while trying to configure the hostname and domain settings. Ensure that hostname does not already exist in the domain. If the issue persists, close the AppAssure Appliance Configuration Wizard, delete the configuration file below and restart the wizard. C:\Program Files\Dell\PowerVault\Appliances\DL\FTBU\FTBU.dat If the issue still persist, contact Dell support further assistance.
Workaround/ Solution	Reboot your appliance to join the domain.

Dell Storage Management Web Service fails to start

Description	Dell Storage Management Web Service fails to start due to a conflict with the Broadcom driver.
Workaround/ Solution	Download and install the latest QLogic driver. Go to www.Dell.com/support , click Servers, storage, & Networking → PowerVault → Dell DL4000Drivers & downloads → Category → Network → QLogic BCM57xx and BCM57xxx . During the installation, deselect the CIM Provider with QLogic Advanced Server Program (QLASP) and start the Storage Resource Management software.

Status of Appliance tab indicator is yellow if the RASR USB drive is not created

Description	It is recommended to create the RASR USB drive when the AppAssure Appliance Configuration Wizard is running. If the RASR USB drive is not created, then the Rapid Appliance Self Recovery status on the health page turns yellow. This in turn causes the Appliance tab indicator to turn yellow.
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Appliance tab does not have any content

Description	When you click the Appliance tab, the content inside the table is not displayed. The following error message is displayed instead: <code>The following error occurred during the previous installation attempt.</code> This typically happens when the AppAssure core is updated in RUU, and the AppAssure core is open in a browser.
Workaround/ Solution	Clear browser cache. Go to Internet Options in IE, click General → Browsing history → delete browsing history and press Delete . Restart the browser.

"Collecting..." message remains on the screen while collecting DL Appliance logs

Description	"Collecting..." message remains on the screen while trying to collect logs in AppAssure Core through Tools → Diagnostics → View Logs .
Workaround/ Solution	Press F5 to refresh the browser.

VM Operations buttons for virtual standby are active while VM export is being performed

Description	While the VM export is in progress, the VM operation buttons Start and Add Network Adapter are enabled.
Workaround/ Solution	Do not click these buttons until the corresponding VM export is complete.

Installing the wrong RUU causes features in the DL Appliance to hang

Description	Installing the incorrect Recovery and Update Utility (RUU) on your DL Appliance causes features to break or not work properly.
Workaround/ Solution	Every DL Appliance has a unique RUU. To download the correct RUU, go to www.Dell.com/support , click Servers, Storage, & Networking → Dell Storage → Drivers & downloads → Category → IDM → Dell DL4000 Series Appliance (DL4300 and DL4000) Recovery and Update Utility .

Appliance tab loses functionality

Description	Occasionally, you may see that Appliance tab does not respond. The rotating progress button is stuck.
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**Workaround/
Solution**

1. Restart **Internet Information Service Manager**.
2. Restart the services in the given order:
 - a. Windows Management Instrumentation
 - b. SRM Web Service
 - c. AppAssureCore
3. Clear the browser cache.
4. Refresh the page.

Non-RAID 6 configurations are not supported on your appliance

The user cannot manually provision storage in a non-RAID 6 configuration because AppAssure supports RAID-6 configuration only.

AppAssure Appliance Configuration Wizard fails to complete

Description

The AppAssure Appliance Configuration Wizard fails to complete, if the user terminates the process or if a device error occurs.

**Workaround/
Solution**

Rerun the AppAssure Appliance Configuration Wizard using the shortcut on the desktop.

The appliance tab status is green after an upgrade

Description

After a system upgrade, the appliance tab status is green on the Core with no information displayed.

Workaround

Try to log on as a local administrator, if that works then log back in as a domain administrator and set up the Service Request Manager (SRM) service to use the domain account login.

The appliance tab is empty if the UI is active overnight

Description

The Appliance tab is empty if the User Interface (UI) is left active overnight.

Workaround

Refresh the window, press F5.

No warning is displayed when a repository has been unmounted

Description

When the repository is unmounted no warning is displayed.

Workaround

Remount the volume. For more information, see topic 'Remounting Volumes' in *Dell DL4000 Appliance User's Guide*.

Unsuccessful creation of RASR or Windows Backup LUN by Configuration Wizard

Description	The configuration wizard creates RASR file or the Windows backup LUNs unsuccessfully.
Workaround	Reboot or retry.
	 NOTE: Duplicate LUNs are created if the configuration wizard was partially successful. Delete the duplicate LUNs using the Server Administrator.

Attempting to provision with SATA device does not display any error message

Description	No error message is displayed if a SATA device is used to provision the storage.
Workaround	SATA devices are not supported on Dell DL4000 or MD1200 systems.

OpenManage Server Administrator issues

Description	Due to the complex interactions between the various subsystems in the DL4000 appliance, OpenManage Server Administrator may not always function properly.
Workaround/ Solution	Restart the DSM SM Data Manager service.

OpenManage Server Administrator fails to install properly

Description	In rare instances when using the Recovery and Update Utility, OpenManage Server Administrator may not install properly.
Workaround/ Solution	Manually delete OpenManage by clicking Start → Control Panel → Uninstall a program → Dell OpenManage Systems Management Software , and then manually reinstall the software.

OpenManage Server Administrator fails to update status

Description	OpenManage Server Administrator sometimes fails to update the status, and the OpenManage Server Administrator status does not match the status displayed on the Appliance tab Overall Status screen.
Workaround/ Solution	Navigate to Server Manager → Tools → Services , and then stop and restart the DSM SA Data Manager service.
	 NOTE: The Services window may direct you to restart other services. If the issue remains after restarting the services, restart the appliance.

Task failed with exception error

Description	The error message <code>Task failed with exception</code> with no further information sometimes represents transient Windows events.
Workaround/ Solution	Retry the action. The action should complete without further errors.

Recovery and Update Utility takes time to complete

Description	When running the Recovery and Update Utility when joined to a domain, the completion time exceeds 90 minutes.
Workaround/ Solution	To expedite the Recovery and Update Utility, log on to the machine as a local administrator. Do not log on to the domain. Start the Recovery and Update Utility, and then log on to the domain.

Inaccurate reporting due to unexpected replacement of MD1200 enclosures

Description	Unexpected replacement of MD1200 enclosures may cause incorrect results in several tools.
Workaround/ Solution	Shut down the Appliance, ensure that the enclosure is properly installed and start the server again.



CAUTION: Do not remove the MD1200 enclosure from the environment when the server is running as it may result in unexpected behavior. To replace the enclosure, shutdown the Appliance first.

Desktop shortcut for AppAssure not displayed for domain users

Description	For domain users without administrator privileges, the desktop shortcut for AppAssure software is not displayed.
Workaround/ Solution	The AppAssure software desktop shortcut is displayed only for users with administrator privileges. Log on the appliance as a local admin or a user with administrative privileges.

Core console shortcut is not updated with hostname change

Description	After the hostname of the system (with AppAssure Core Console installed on it) is changed, the AppAssure Core Console shortcut located under Start → AppAssure → Core is not updated with the new hostname.
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Cause	This issue occurs after you change the hostname of the system using AppAssure Appliance Configuration Wizard, close the AppAssure Console and delete its desktop shortcut.
Workaround/ Solution	Do not delete the desktop shortcut for the AppAssure Core Console.

Error displayed when no NIC is selected for configuration

Description	An error is displayed when you configure the appliance without selecting any NIC.
Workaround/ Solution	While configuring the appliance, connect at least one ethernet port. <ol style="list-style-type: none"> 1. Close the displayed error message. 2. Restart the appliance. 3. Connect at least one ethernet port. 4. Start the AppAssure Appliance Configuration Wizard and select at least one NIC port for configuration.

Error message does not close when trying to exit AppAssure Appliance Configuration Wizard

Description	If you try to close the AppAssure Appliance Configuration Wizard after an error in storage provisioning, a message prompts you to wait. The appliance stops responding and you cannot close the displayed message.
Workaround/ Solution	Restart the Appliance, the AppAssure Appliance Configuration Wizard should start automatically.

License key installation failure

Description	Appliance does not display a red X for Software License after the license keys for various components fail to install.
Workaround/ Solution	Run the license key installation again.

License key installation and AppAssure Appliance Configuration Wizard fails

Description	Configuration of the appliance fails when incorrect data (for example, incorrect host name, domain credentials, and so on) is entered in using the AppAssure Appliance Configuration Wizard. <p>The AppAssure Appliance Configuration Wizard may continue to fail after restarting as the AppAssure services are not automatically restarted.</p>
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License key installation also fails if the AppAssure services are not running.

**Workaround/
Solution**

1. Close the **AppAssure Appliance Configuration Wizard**.
2. Manually restart AppAssure services.
3. Restart the **AppAssure Appliance Configuration Wizard**.

Incorrect message displayed for license configuration failure

Description

The following incorrect error message is displayed for license configuration failure:

A critical error occurred. Click 'Back' to try again. If the issue persists, contact Dell Support for assistance

**Workaround/
Solution**

1. Close the **AppAssure Appliance Configuration Wizard**.
2. Manually restart AppAssure services.
3. Restart the **AppAssure Appliance Configuration Wizard**.

Storage provisioning window does not resize when the display resolution is changed

Description

With the storage provisioning window open, if you change the display resolution, the storage provisioning window does not resize to the updated display resolution.

**Workaround/
Solution**

- Use a minimum display resolution of 1024 x 768.
- Do not change the display resolution while the AppAssure Appliance Configuration Wizard is running.
- Close and restart the AppAssure Appliance Configuration Wizard.

Getting help

Contacting Dell

 **NOTE:** If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer-service issues, go to software.dell.com/support.

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