

1 Before you begin

WARNING: Before you set up and operate your Dell system, review the safety instructions that shipped with your system.

Read the Dell Software License Agreement

- Before using your system, read the Dell Software License Agreement that came with the system.
- You must consider any media of Dell installed software as BACKUP copies of the software installed on your system.
- If you do not accept the terms of agreement, call the customer assistance telephone number. For customers in the United States, call 800-WWW-DELL (800-999-3355). For customers outside the United States, see dell.com/support and select your country or region from the bottom of the page.
- For documentation and information updates, see:
 - dell.com/support/manuals for documentation and information updates.
 - software.dell.com/support for technical support.

Locating your system service tag

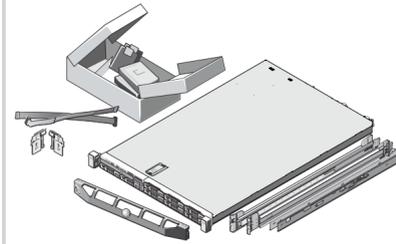
- Your system is identified by a unique Express Service Code and Service Tag. Pull out the information tag in front of your system to view the Express Service Code and Service Tag.
- Save this information for future reference. This information is used by Dell to route support calls to the appropriate personnel.
- Use the Service Tag number to obtain the AppAssure software license key.

NOTE: The illustrations in this document are not intended to represent a specific system.



2 Verifying system components

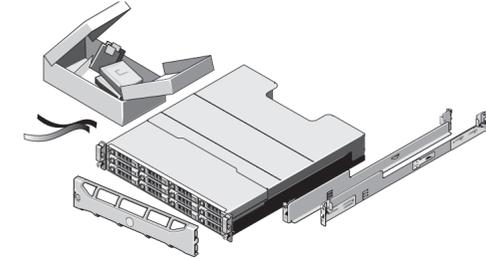
System components



Dell DL4000 system

Includes:

- System bezel
- Power cables (2)
- Power cable retention straps (2)
- Optional mounting rails (1 pair)
- Cable management arm (optional)
- System documentation



Dell PowerVault MD1200 storage enclosure (optional)

Includes:

- System bezel
- Power cables (2)
- SAS cables (1 or more)
- Power cable retention straps (2)
- Optional mounting rails (1 pair)
- System documentation

Check for documentation and information updates on dell.com/support/manuals.
Always read the updates first because they often supersede information in other documents.

3 Pre-installation requirements

Network

- An active network with available Ethernet cables and connections.
- A static IP address and DNS server IP address, if not provided by Dynamic Host Configuration Protocol (DHCP).

User account

To set up the DL Appliance, use an account with administrator privileges.

Licenses

- Your system is shipped with a 30-day temporary AppAssure software license. To obtain permanent license(s), go to dell.com/DLActivation and complete the registration. For information, see the *Dell DL4000 Appliance Deployment Guide* at dell.com/support/manuals.
- To obtain the iDRAC Enterprise license, see the *iDRAC User's Guide* at dell.com/support/manuals.

Software compatibility

If the DL Appliance is connected to an existing backup environment, it is recommended that the existing backup environment uses the same AppAssure software version that is installed on the backup appliance.

4 Installing the DL appliance hardware

Install the DL Appliance hardware in the following order:

Note: Do not turn on any system(s) before:

- Installing the DL Appliance hardware
- Connecting the DL4000 system to the PowerVault MD1200 storage enclosure (optional)

1. Install the rails for the Dell DL4000 system.
For information about installing the rails for the DL4000 system, see the Rack Installation Instructions that shipped with the DL4000 rail kit.
2. Set up the DL4000 system.
For information about setting up the DL4000 system, see the *Dell DL4000 Appliance Getting Started With Your System* that shipped with your system.
3. Install the optional cable management arm for the DL4000.
For information about installing the Cable Management Arm (CMA), see the CMA Installation Instructions that shipped with the CMA kit.

To connect your DL4000 system to the Dell PowerVault MD1200 storage enclosure, proceed to section 5. If your solution does not include a PowerVault MD1200 storage enclosure, proceed to section 6.

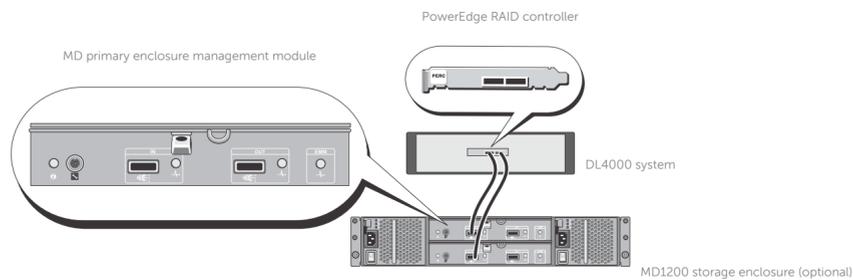
Set up the optional Dell PowerVault MD1200 storage enclosure:

Note: Make sure that the Enclosure Mode Switch is set to unified mode.

1. Install the rails for the PowerVault MD1200 storage enclosure.
For information about installing the rails for the PowerVault MD1200 storage enclosure, see the Rack Installation Instructions that shipped with the storage enclosure kit.
2. Set up the PowerVault MD1200 storage enclosure.
For information about setting up the PowerVault MD1200 storage enclosure, see the *Dell PowerVault MD1200 Storage Enclosures Getting Started Guide* that shipped with the storage enclosure.
3. Connect the DL4000 system to the PowerVault MD1200 storage enclosure.
For information about connecting the DL4000 system to the PowerVault MD1200 storage enclosure, see section 5.



5 Connecting the DL4000 system to the PowerVault MD1200 storage enclosure (optional)



For redundant path configuration:

1. Connect one end of each SAS cable to port 0 and port 1 on the DL4000 system PERC controller.
2. Connect the other end of each SAS cable to the IN port on each Enclosure Management Module (EMM) on the PowerVault MD1200 storage enclosure.

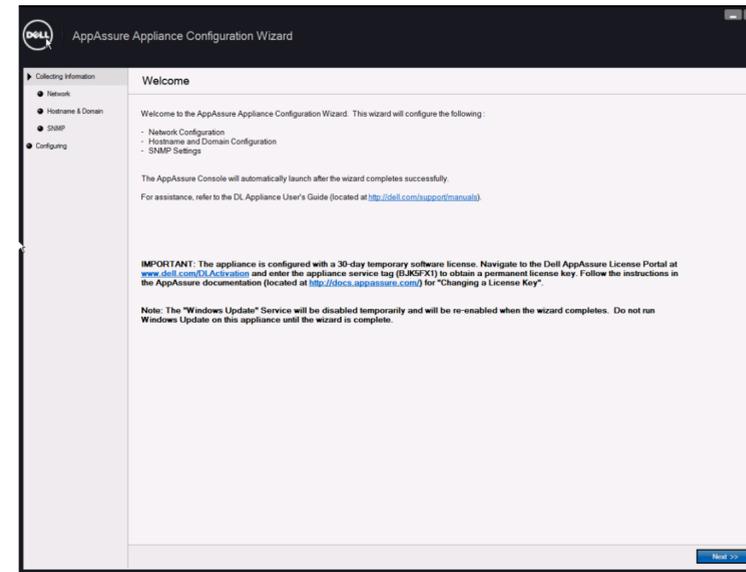
For a single path configuration:

1. Connect one end of the SAS cable to port 0 on the DL4000 system PERC controller.
2. Connect the other end of the SAS cable to the IN port on the Enclosure Management Module (EMM) on the PowerVault MD1200 storage enclosure.

NOTE: For optional cable configuration, see the *Dell DL4000 Appliance Deployment Guide*. To locate the primary EMM, see the *Dell PowerVault MD1200 Storage Enclosure's Owner's Manual* at dell.com/support/manuals.

NOTE: Do not connect tape devices to the PERC controller.

6 Configuring the DL4000 software



1. Turn on the components in the following order:
 - a. PowerVault MD1200 storage enclosure
 - b. DL4000 system and monitor

NOTE: Do not close the **AppAssure Appliance Configuration Wizard**.

2. The DL4000 system prompts you to change the password.

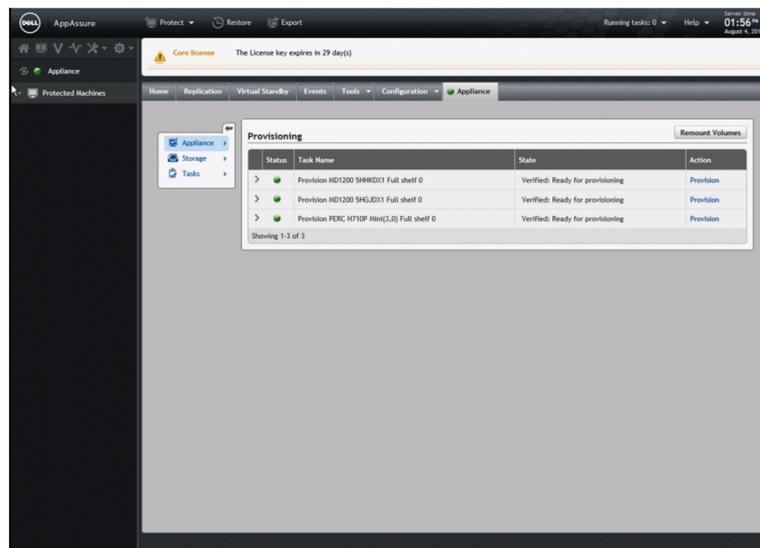
After the password is confirmed, the **AppAssure Appliance Configuration Wizard** is displayed.

NOTE: Do not close the **AppAssure Appliance Configuration Wizard**. Do not make any hardware or software changes until the Wizard is complete. Complete all steps in the wizard before configuring NIC bonding and running the Microsoft Windows update.

3. Click **Next** and follow the instructions on the screen to complete the software configuration.

For more information, see the *Dell DL4000 Appliance Deployment Guide* at dell.com/support/manuals.

7 Launching the console



After the **AppAssure Appliance Configuration Wizard** is complete, the **AppAssure Core Console** is displayed.

NOTE: Your system is shipped with a 30-day temporary AppAssure software license. To obtain permanent license(s), go to dell.com/DLActivation and complete the registration.

NOTE: You can now configure NIC bonding and run the Microsoft Windows update.

8 Additional information

Important Updates

Note: Before installing any updates, complete setting up the DL4000 Appliance.

- For latest operating system updates, go to the Microsoft website at update.microsoft.com.
- To reinstall or update Dell software, download the **Dell DL Backup to Disk Appliance Recovery and Update Utility** from dell.com/support/downloads.

Documentation

Title	Description
Dell DL4000 Appliance Getting Started With Your System	The Getting Started With Your System placemat provides an overview of setting up your solution, and technical specifications. This document is shipped with your system and is also available at dell.com/support/manuals .
Dell DL4000 Appliance User's Guide	The User's Guide provides information on configuring, managing, updating, and restoring the system. This document is available online at dell.com/support/manuals .
Dell DL4000 Appliance Owner's Manual	The Owner's Manual provides information about solution features and describes how to troubleshoot the system and install or replace system components. This document is available at dell.com/support/manuals .
Dell DL4000 Appliance Rack Installation Instructions	The rack documentation included with your rack solution describes how to install your system into a rack. This document is shipped with your rack solution and is also available at dell.com/support/manuals .
Dell DL4000 Appliance Release Notes	The Release Notes provides information about deploying the appliance using AppAssure and recovering from failures. This document is available at dell.com/support/manuals .
Dell DL4000 Appliance Interoperability Guide	The Interoperability Guide provides information about the supported hardware and software versions for the Dell Appliance system. This document is available at dell.com/support/manuals .
Dell DL4000 Appliance Deployment Guide	The Deployment Guide provides information on deploying the hardware and installing the software on the appliance. This document is available at dell.com/support/manuals .



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