



Dell™ PowerVault™ DL Backup to Disk Appliance — Powered by CommVault® Setup Diagram

CAUTION:

Before you set up and operate your Dell hardware, review the safety instructions that came with your system.

End-User License Agreement (EULA)

- Before using your system, please read the Dell End-User Software License Agreement (EULA) that came with your system. This agreement is also located at support.dell.com under "Terms of Sale."
- You must consider any CD, DVD, or diskette set of Dell-installed software as BACKUP copies of the software installed on your system's hard-disk drive.
- If you do not accept the EULA terms, please 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, visit support.dell.com, specify your country or region in the **Choose a Country/Region** drop-down menu, and click **Contact Us**.

Before You Begin

Before setting up your hardware, make sure you have met the necessary site requirements:

Network requirements

- Depending on your IP addressing scheme, at least one IPv4 address is required.
- An active network with available LAN cabling and connections is required.
 - If not provided via Dynamic Host Control Protocol (DHCP), a static IP address is required.
 - If not provided via DHCP, a DNS Server IP address is required.
- If setting up a CommVault CommServe®, a Windows Domain Controller is required.
- A username and password with administrator privileges are required.

Licenses

- Refer to the *Register Your Software* document in the enclosed media kit for instructions on registering your software and obtaining additional licenses. You may also visit commvault.com/dell/support to register your software. Registered users will have access to the latest software patches, downloadable service packs, and the CommVault Knowledge Base.

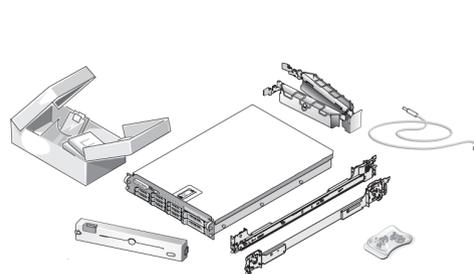
Before adding a Dell PowerVault DL Backup to Disk Appliance to an existing CommCell® purchased from Dell

- Email dellreg@commvault.com (include the ID number of the CommCell) to acquire the required licenses. You will receive a response within 24 hours.
- Follow the instructions provided in the email response to install the supplied licenses to the CommCell. If you need assistance, contact CommVault at 1-888-304-3008.

NOTE: The CommCell must be version 7.0 SP4a or higher. If necessary, upgrade the CommCell.

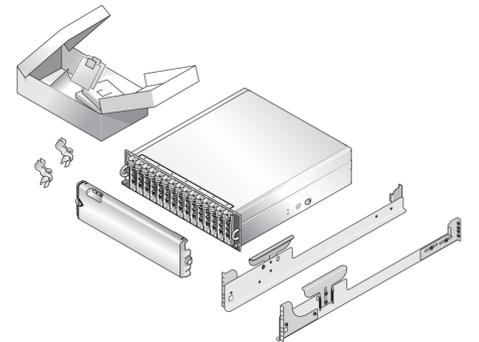
1 Review preinstallation requirements.

Solution Components



Dell™ PowerVault™ DL2000 System

- Includes:
- System bezel
 - Power cords (2)
 - Power cord retention brackets (2)
 - Mounting rails (2)
 - Cable management arm
 - Status indicator cable (optional)
 - System media and user documentation

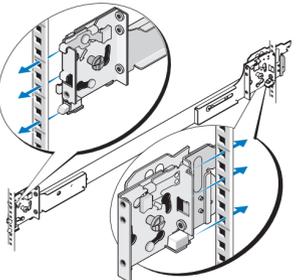


Dell™ PowerVault™ MD1000 Storage Enclosure

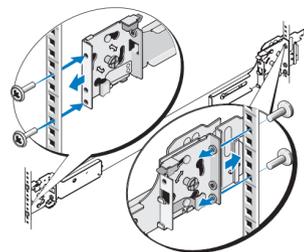
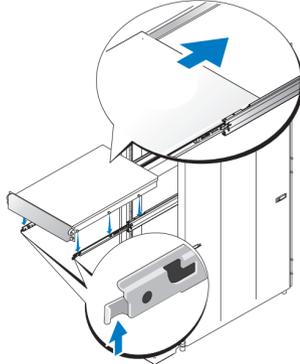
- Includes:
- System bezel
 - SAS cable
 - Power cords (2)
 - Power cord retention brackets (2)
 - Mounting rails (2)

2 Verify that your solution is complete.

Install the RapidRails

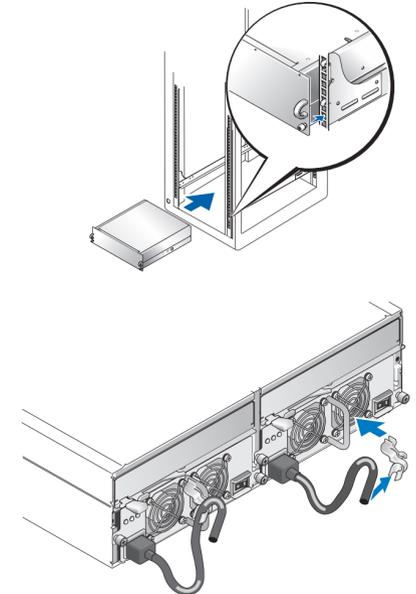
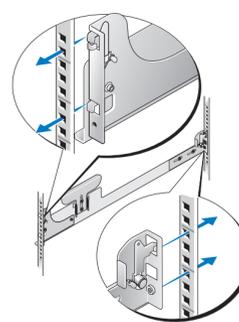


Install the System in the Rack



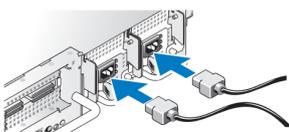
Install the VersaRails

3 Install the DL2000 system in the rack. For information on specific rail type (RapidRails or VersaRails), see the documentation included with your rail kit.

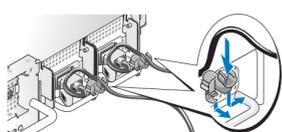


4 Install the MD1000 in the rack and connect the power cords and power cord retention brackets.

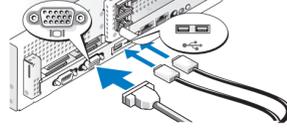
1. Connect the Power



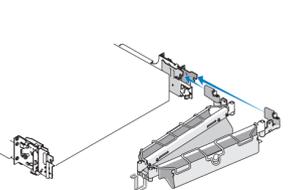
2. Connect the Power Cord Retention Brackets



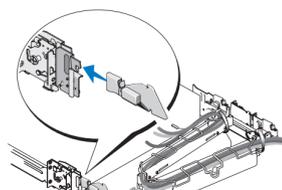
3. Connect the Keyboard, Mouse, Monitor, and Ethernet Cables



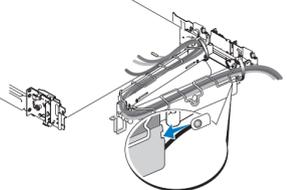
4. Install the Cable Management Arm



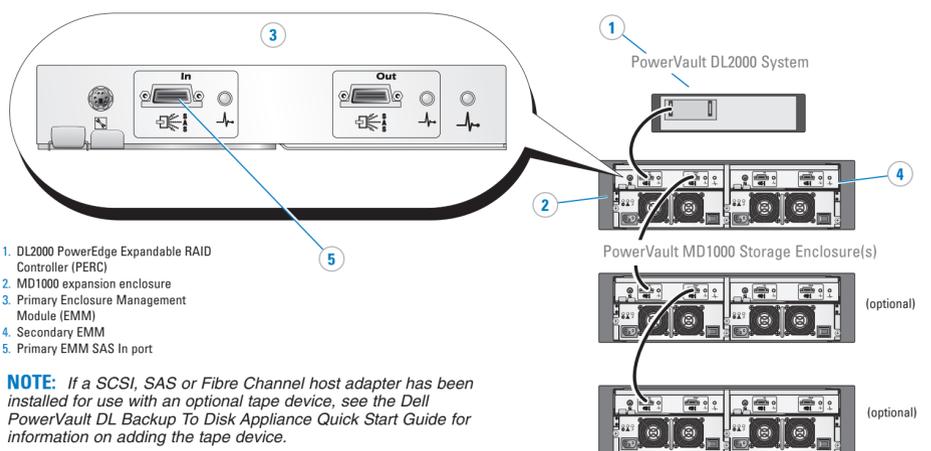
5. Attach the Cable Management Arm Ramp Assembly



6. Route the Cables Through the Cable Management Arm



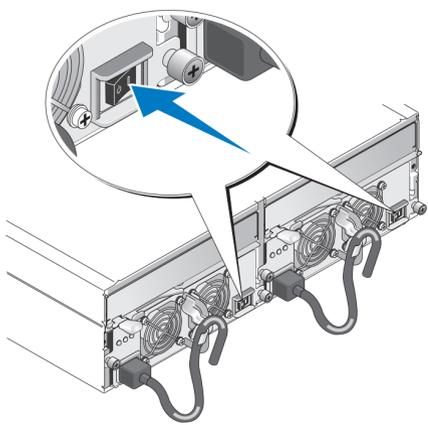
5 Connect the power and attach the power cord retention brackets. Install the cable management arm and ramp assembly, then route and secure the cables. For more information, see the documentation included with your rail kit.



NOTE: If a SCSI, SAS or Fibre Channel host adapter has been installed for use with an optional tape device, see the *Dell PowerVault DL Backup To Disk Appliance Quick Start Guide* for information on adding the tape device.

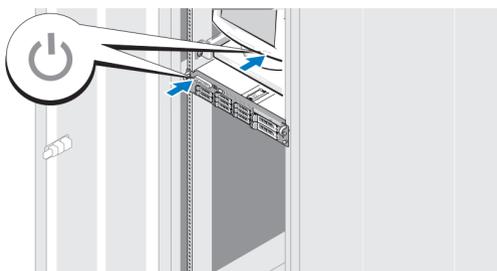
NOTE: If more than one MD1000 is used (up to three per PERC connection is supported), connect the SAS Out port on the primary EMM to the SAS In port of the next down-chain enclosure.

6 Connect the SAS cable from the DL2000 PowerEdge Expandable RAID Controller (PERC) to the primary Enclosure Management Module (EMM) SAS In port on the MD1000.



Turn on components in the following order:

1. MD1000 expansion enclosure(s)
2. DL2000 system and monitor



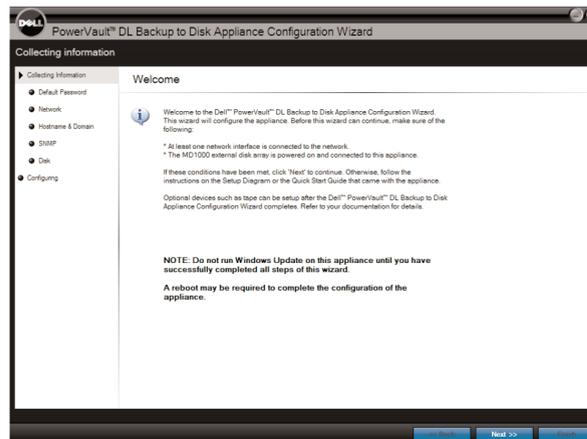
7 Power on the system components.

You've Installed the Hardware. What's next ?

When the system is powered on for the first time, you are prompted for a Windows password. This default password is:

Storage!

Enter this password to log on to your system for the first time. The Dell PowerVault DL Backup to Disk Appliance Configuration Wizard will automatically launch. Click **Next** to begin installing the CommVault Backup and Recovery software.



NOTE: Installation of the CommVault Backup and Recovery software takes approximately 10 minutes.

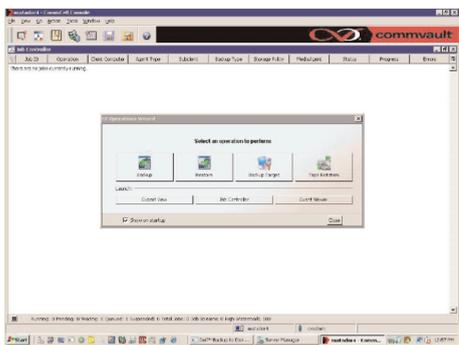
8 Enter the default password to log into Windows and configure the DL Backup to Disk Appliance.

Using the DL Backup to Disk Appliance

After the Dell PowerVault DL Backup to Disk Appliance Management Console automatically launches, click **Launch CommVault® Software** (right).

When prompted for the CommCell User Name, enter **cvadmin**. The default password is also **cvadmin**.

NOTE: This default password should be changed after your first login.



To configure your first backup, use the EZ Operations Wizard (left) to create a Storage Policy. A Storage Policy will:

1. Create a backup job.
2. Select client machines containing the backed up data.
3. Choose what data you want to back up and create a backup schedule.
4. Select the storage target.

9 Using the DL Backup to Disk Appliance.

Advanced Backup Operations

For information on advanced backup operations, such as planning, creating and scheduling backup jobs, managing backup to disk folders, customizing backup options, implementing policies and templates, setting up alerts and notifications, viewing reports, and disaster preparation and recovery, see documentation.commvault.com/dell.

Important Updates

For the latest operating system updates, go to update.microsoft.com.

The Dell Backup to Disk Appliance Application Recovery and Update Utility at support.dell.com can be used to reinstall or update Dell software.

If You Need Help

- A complete list of solution documents is contained in the *Dell Backup to Disk Appliance - Powered by CommVault Quick Reference Guide* at support.dell.com/manuals.
- For hardware issues, refer to the PowerVault documentation set that shipped with your system. These documents are also available at support.dell.com/manuals.

Locating Your System Service Tag

- When you contact technical support, the Express Service Code helps route your call to the appropriate support area and the Service Tag number helps identify your system.
- In the figure, the location of the Service Tag number and Express Service Code is shown. Write down this information and store it in a safe place.



10 Advanced backup operations, keeping software up to date, and finding help.

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