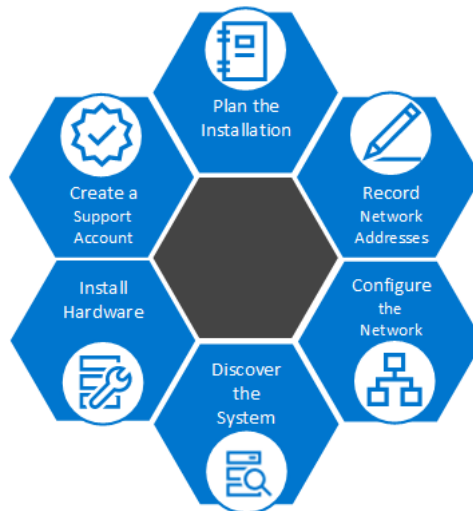


PowerStore 4.x Quick Start Guide

Before you begin

- **Plan for installation:** Read the *PowerStore Planning Guide* at dell.com/powerstoredocs.
- **Create a support account at dell.com/support.**
This account is used later in the configuration process to activate software licenses and configure Dell Support Connectivity.
- **Install hardware:** If installing PowerStore with expansion enclosures, read the *Installation and Service Guide for PowerStore 1000, 1200, 3000, 3200, 5000, 5200, 7000, 9000, and 9200* or the *Installation and Service Guide for PowerStore 500T* dell.com/powerstoredocs.

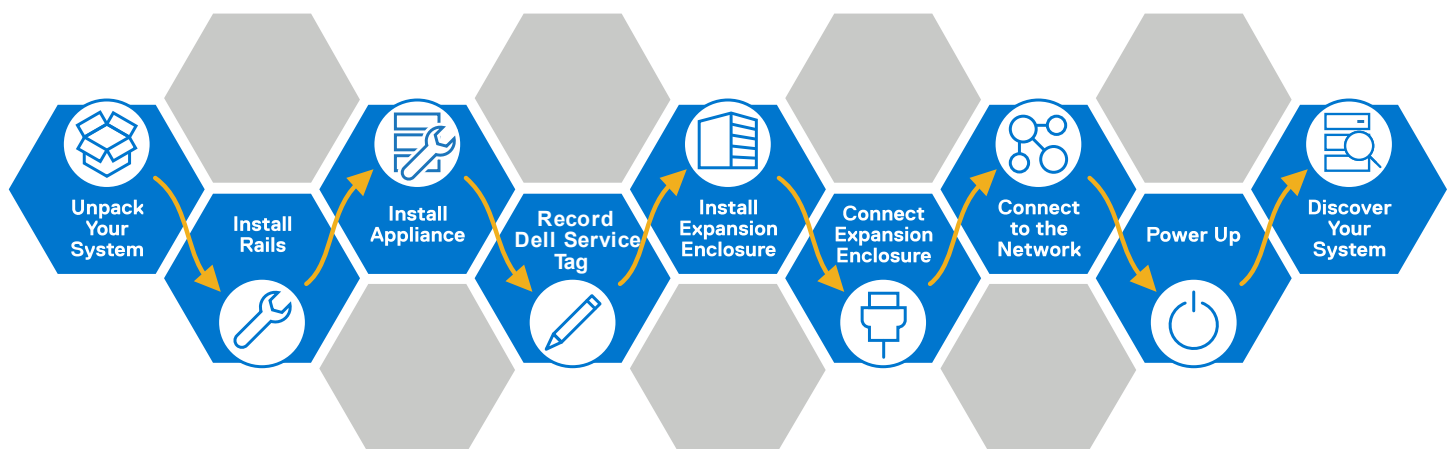


- **Configure the network:** Read the *PowerStore Networking Guide for Initial Deployment*. dell.com/powerstoredocs.
- **Record network addresses:** Work with a network administrator to complete the *Management Network and Initial Configuration Worksheets that are provided in the PowerStore Networking Guide for Initial Deployment*. dell.com/powerstoredocs
- **Discover the System:** Read the *PowerStore Networking Guide for Initial Deployment*. dell.com/powerstoredocs.

- **⚠ CAUTION Get lift assistance:** Obtain the help of a second person to install the enclosure into the rack or use a mechanical lift.

Note: If the appliance arrived preracked, begin installation at Step 5 of this guide.

Installation workflow



1. Unpack the PowerStore appliance

Verify the following are in the system package:

Base enclosure:

- | | |
|---|---|
| <input type="checkbox"/> 2U base enclosure (1) | <input type="checkbox"/> Network cables (4) |
| <input type="checkbox"/> Rails (2) | <input type="checkbox"/> Electrostatic discharge clip (1) |
| <input type="checkbox"/> Power cables (6, only 2 required per enclosure) ¹ | <input type="checkbox"/> Bezel, with key (1) |

¹ Only 4 included for PowerStore 500T.

Decide where to install the base enclosure

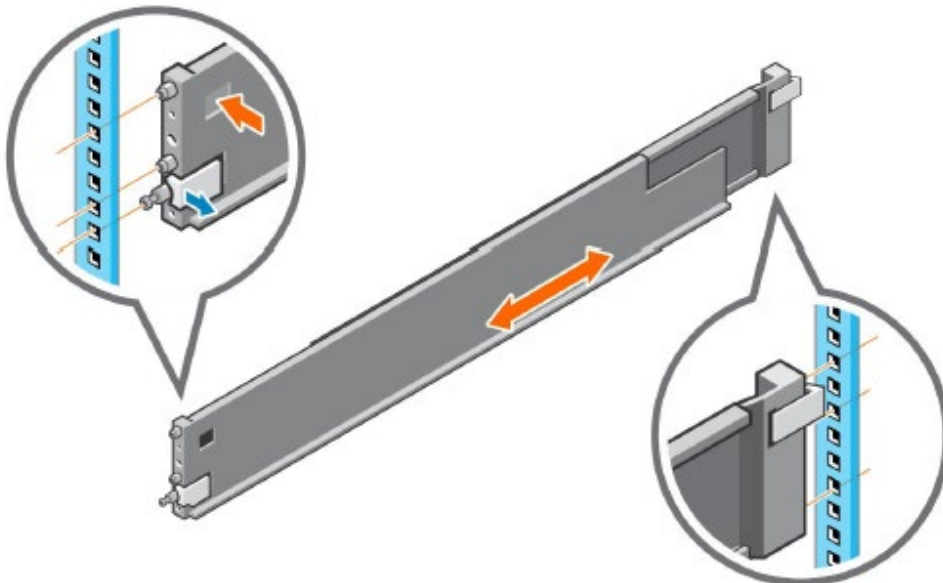
- For serviceability:
 - o It is required to leave 36 inches of clearance in front of and behind the cabinet in which PowerStore is installed.
 - o Install the base enclosure in the lowest possible space, leaving 2U of space open at the bottom of the cabinet.
- If installing an expansion enclosure, install the expansion enclosure in the next available 2U space, directly above the base enclosure or the last expansion enclosure in the system.
- Leave 4U at the top of the rack for network switches.

2. Install the rails into your cabinet

When installing the rails, ensure that the rail pins are lined up correctly:

- For the frontend of the rail, the bottom pin of the rail goes through the middle hole of the lower U, and the top pin goes through the top hole of the upper U.
 - For the rear end of the rail, the bottom pin of the rail goes through the bottom hole of the lower U, and the top pin goes through the top hole of the upper U.
1. Position the rail so the label FRONT is at the front of the rack and facing towards the inside of the rack, while orienting the rear of the rail to align level with the holes on the rear of the rack.
 2. From the rear of the rack, pull the rail straight back until the latch is locked.
 3. To install the frontend piece of the rail, press the blue latch release button until the latch rotates open.

Note: The pins on the back of the rails are in different locations than the front of the rails.
 4. Pull the rail forward until the pins slide into the holes on the front of the rack, then release the latch to secure the rail in place.



5. Repeat for the other rail.

Note: Racks are shown with square holes. The installation instructions are the same for racks with round holes. For racks with threaded holes, remove the guide pin on the rails before installation.

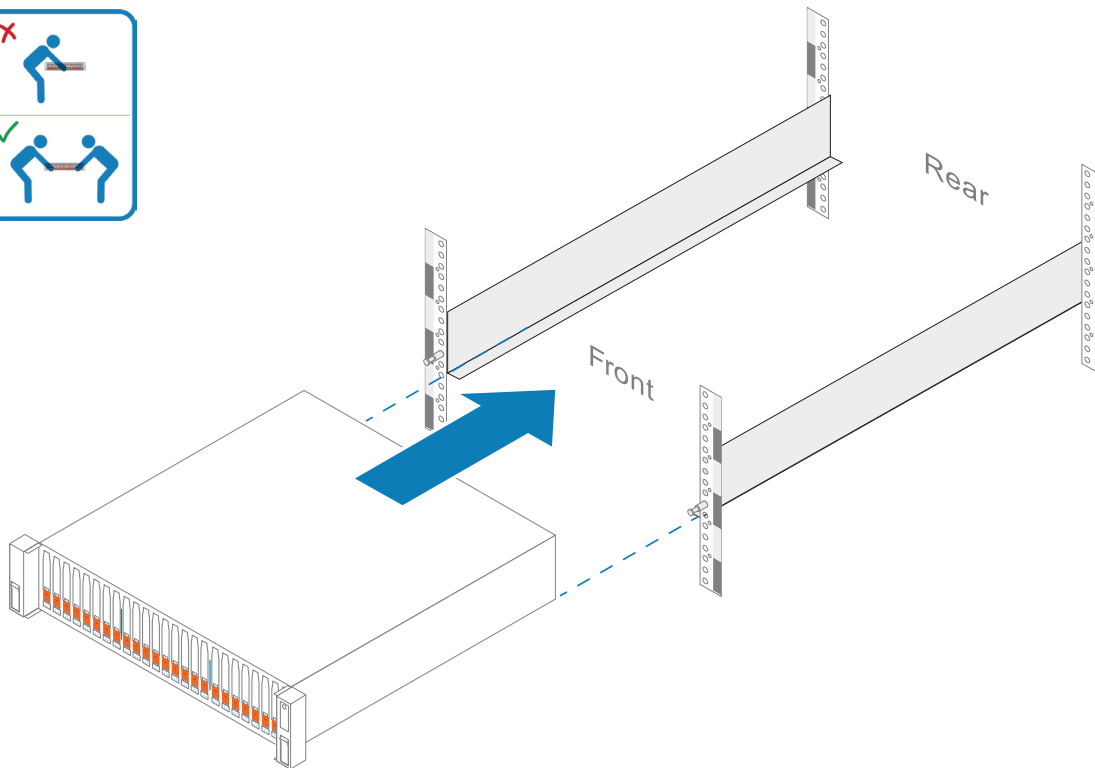
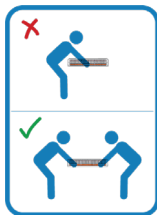
3. Install the base enclosure onto the rails



The base enclosure is heavy and should be installed into or removed from a rack by two people. To avoid personal injury and damage to the equipment, do not attempt to lift and install the base enclosure into a rack without a mechanical lift or help from another person.

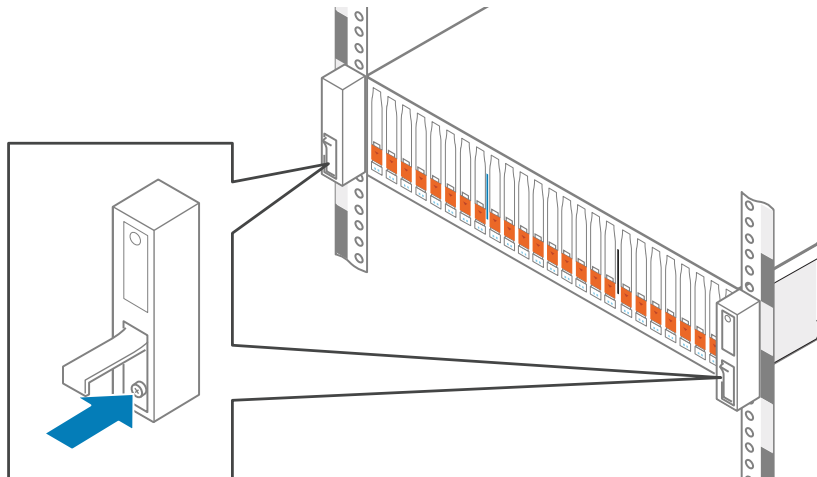
1. From the front of the rack, slide the base enclosure onto the rails.

Ensure that the base enclosure is flush with the front of the rack, fully seated in the cabinet, and does not slide out.



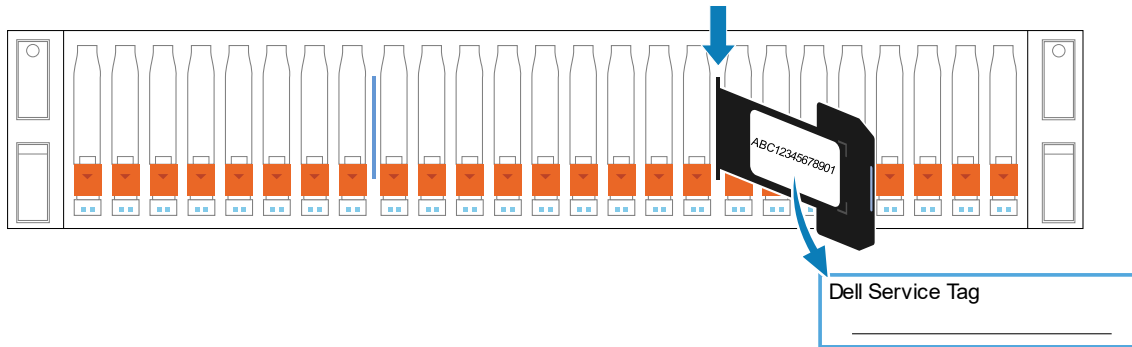
2. (Optional) If securing the system for shipment in the cabinet or for other unstable environments:

Locate the captive screw under each latch and tighten to the front of the cabinet using a #1 Phillips screwdriver.



4. Record the Dell Service Tag

Locate and record the number from the black Dell Service Tag on the front of the base enclosure.



5. Install optional expansion enclosures

If not installing an expansion enclosure, continue to step 7.

If installing an expansion enclosure, determine which type of expansion enclosure is being installed.

25 Drive 2.5 Inch SAS (ESS25) Expansion Enclosure

For each additional expansion enclosure, repeat steps 2 and 3 to install the rails and expansion enclosure onto the rails.

24 Drive 2.5-Inch NVMe (ENS24) Expansion Enclosure

See the *Installation and Service Guide for PowerStore 500T* or the *Installation and Service Guide for PowerStore 1000, 1200, 3000, 3200, 5000, 5200, 7000, 9000, and 9200* at dell.com/powerstoredocs to install the expansion enclosure into the cabinet.

6. Connect the expansion enclosure to the base enclosure

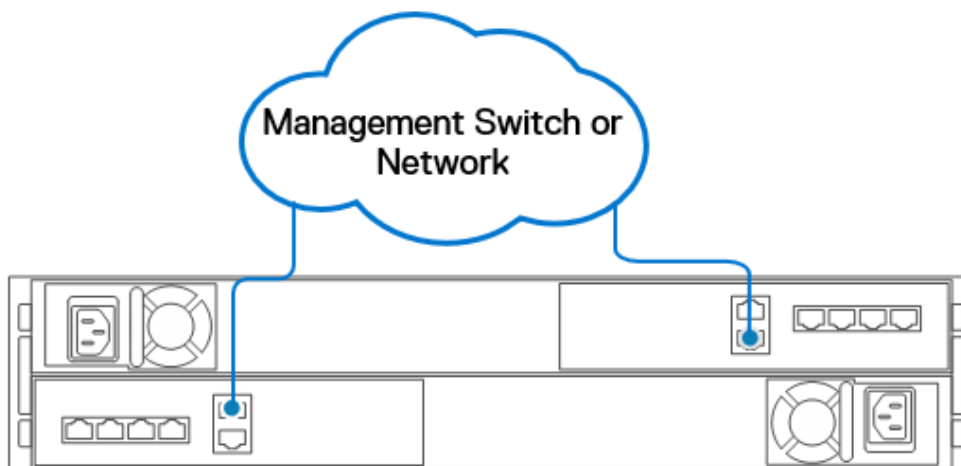
See the *Label Sheets* included with the expansion enclosure for cabling details.

7. Cable the management interface on both nodes to a management switch or network.

For details about configuring the management switch, see the *PowerStore T and Q Networking Guide for Initial Deployment*, which is available at: dell.com/powerstoredocs.

Note: Two additional network cables are required to complete this step.

Check with the network administrator to determine which switch ports to use.



Note: After initial deployment, PowerStore is configured for Fibre Channel connectivity. To configure more storage services after initial deployment, see the *PowerStore T and Q Networking Guide for Storage Services*, which is available at: dell.com/powerstoredocs.

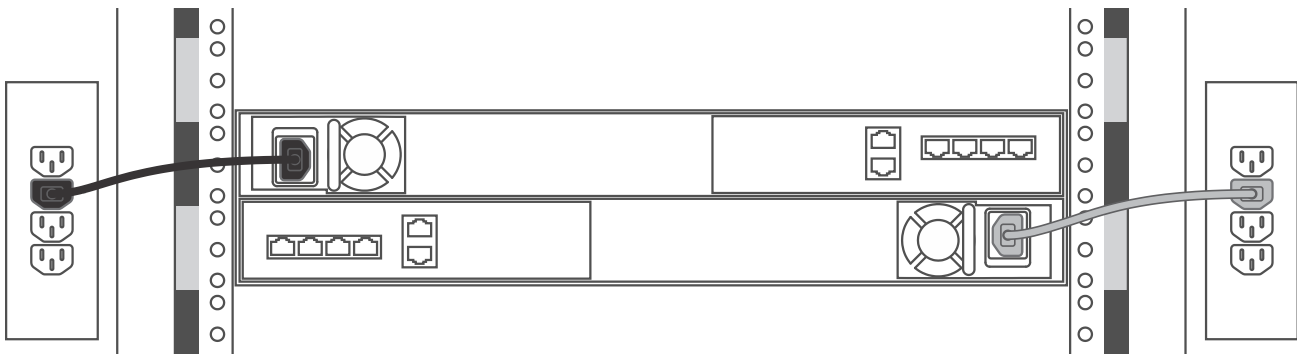
8. Power up

a. Expansion enclosure

If installing PowerStore with an expansion enclosure, the order in which the enclosures are powered up may differ. For power on details, see the *Installation and Service Guide for PowerStore 500T* or the *Installation and Service Guide for PowerStore 1000, 1200, 3000, 3200, 5000, 5200, 7000, 9000, and 9200* at dell.com/powerstoredocs.

b. Base enclosure

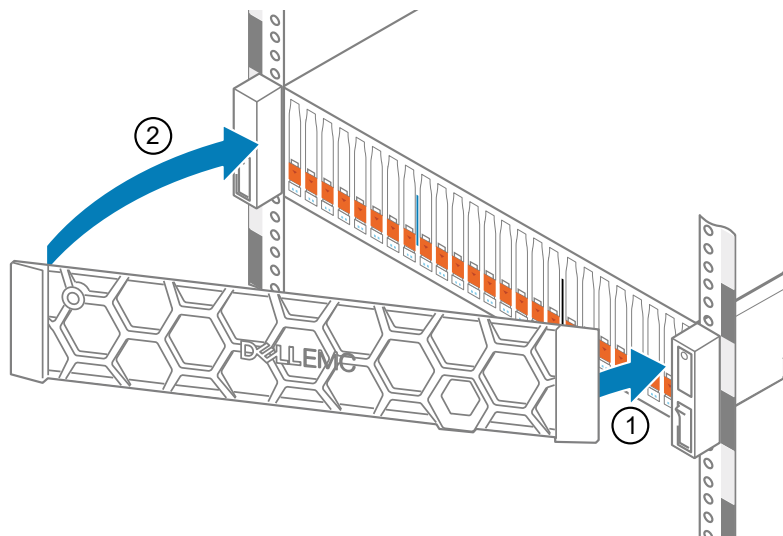
1. Plug each power cable into the base enclosure power supply unit.
 2. Close the retention bail over the base of the power cable.
 3. Connect the other end of each power cable to PDU A and PDU B.
- After the power cables are connected, the base enclosure automatically starts up.



9. Attach the bezel

1. Align the bezel with the expansion enclosure.
2. Gently push the bezel into place on the cabinet until it latches.
3. Lock the bezel with the provided key.

a. Base enclosure



b. Expansion enclosure

If installing PowerStore with an expansion enclosure, see the *Installation and Service Guide for PowerStore 500T* or the *Installation and Service Guide for PowerStore 1000, 1200, 3000, 3200, 5000, 5200, 7000, 9000, and 9200* at dell.com/powerstoredocs for instructions.

10. Discover your system

Next, discover the installed base enclosure, and create a cluster.

Note: This procedure only applies if physically present in the data center. If the base enclosure is not physically accessible, See the *PowerStore Networking Guide for Initial Deployment* for more information about discovering PowerStore remotely.

Before you begin:

- Ensure that the network interface controller on the workstation is configured as follows:
 - Connected directly to the PowerStore service port on Node B
 - Configured with a static IP address on the service LAN network (128.221.1.0/24) with no gateway address defined (128.221.1.249; 255.255.255.0; no gateway)
 - Able to ping the service-LAN port IP address on Node B (128.221.1.251)
- Have the network resources that were recorded in the *Initial Configuration Worksheet* that is found in the *Networking Guide for Initial Configuration*. The recorded resources are entered into the PowerStore Initial Configuration Wizard, which automatically launches after successful discovery.

1. Connect the workstation or laptop to the service port on Node B of the base enclosure.



2. In a web browser, enter either of the following URLs:

Internet Protocol (IP) version	Use
IPv4	https://128.221.251
IPv6*	https://[fd3c:1080:221:1::fb]

*Discovery with IPv6 is only supported on PowerStoreOS versions 4.1 and later.

3. Log in to PowerStore Manager and begin the initial configuration process using the following default credentials:

Username: admin

Default password: Password123#

Note: You must change this default password during initial configuration.

4. Use the resources recorded in the *Initial Configuration Worksheet* to run through the Initial Configuration Wizard.
5. Optionally, disconnect the workstation or laptop from the service port after the initial configuration process is complete.

What is next?

After completing the Initial Configuration Wizard:

- See the *Setting up PowerStore Manager* guide to configure your support settings and learn how to use the primary features of your system.
- Upgrade to the latest PowerStoreOS
 - For systems with Support Connectivity and automatic download that is enabled, the latest packages are automatically uploaded to your system and ready for installation.
 - If automatic download is not enabled, proactively check for updates by going to the PowerStore Drivers and Downloads page.

See the *Dell PowerStore T and PowerStore Q Software Upgrade Guide* for details.

- After initial deployment, PowerStore is configured for Fibre Channel connectivity. To configure more storage services after initial deployment, see the *PowerStore T and Q Networking Guide for Storage Services*, which is available at: dell.com/powerstoredocs.

Other languages

You can access localized versions of this and other documents at dell.com/support

您可以在 <https://dell.com/support> 上访问本文及其他文档的本地化版本。

Локализованные версии этого и других документов можно найти на веб-сайте dell.com/support.

Você pode acessar versões localizadas deste e de outros documentos em dell.com/support.

본 문서 및 기타 문서의 한국어 버전은 <https://dell.com/support> 에서 이용할 수 있습니다.

このドキュメントおよびその他のドキュメントの日本語版は、<https://dell.com/support> からご覧いただけます。

Des versions traduites du présent document et d'autres documents sont disponibles sur le site Web dell.com/support.

Puede obtener acceso a versiones traducidas de este y otros documentos en dell.com/support.

Lokalisierte Versionen dieses Dokuments und anderer Dokumente finden Sie unter dell.com/support.