Setting Up Your Dell Storage Enclosure

1 | Before you begin

**WARNING:** Before you set up and operate your Dell system, read and follow 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 shipped 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.
- See:
  - dell.com/support/manuals for documentation and information updates.
  - software.dell.com/support for technical support.

2 | Verifying system components

**Locating your system service tag**
- Your system is identified by a unique Express Service Code and Service Tag. Pull out the information tag on the back 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.

- **Includes:**
  - Storage enclosure
  - SAS cables (optional)
  - Power cables (optional)
  - Bezel (optional)
  - Mounting rails (2) (optional)
  - RAID controller card (optional)
  - User documentation

3 | Cabling your enclosure

You can cable your enclosure either in a single port configuration or in a multi-chain configuration:
- **Single port configuration:** Supports up to four enclosures. The enclosures are daisy-chained with one of the enclosures connected to a single port on the controller card.
- **Multi-chain configuration:** Supports up to eight enclosures. The first four enclosures are daisy-chained with one of the enclosures connected to a single port on the controller card. The second four enclosures are daisy-chained with one of the enclosures connected to the second port on the controller card.

For examples of supported cable configuration, see the section Cabling the enclosures to the host server(s) below.

For more information about cabling your enclosure, see the Dell Storage MD1420 and MD2420 Enclosures Hardware Owner’s Manual at dell.com/support/manuals.

4 | Front and back panel features

**Dell Storage MD1420**
- 1. Power LED
- 2. Enclosure status LED
- 3. Hard-drive activity indicator
- 4. Hard-drive status indicator
- 5. Hard-drives

**Dell Storage MD1400**
- 1. DC power LED
- 2. Power supply/cooling fan fault LED
- 3. AC power LED
- 4. Enclosure Management Module 0
- 5. Enclosure Management Module 1
- 6. SAS port (In/Out)
- 7. Power switches (2)
5  Cabling the enclosures to the host server(s)

Single port configuration

- Host controller
- HBA
- Enclosure 1
- Enclosure 2
- Enclosure 3
- Enclosure 4

Single port (redundant configuration)

- Host controller
- HBA
- Enclosure 1
- Enclosure 2
- Enclosure 3
- Enclosure 4

6  Connecting and securing the power cable(s)

Multi-chain configuration

- Host controller
- HBA
- Enclosure 1
- Enclosure 2
- Enclosure 3
- Enclosure 4

7  Turning on your enclosure

Turn on components in the following order:
1. Storage enclosure(s)
2. Host server(s)