Setting Up Your Dell PowerVault Network Attached Storage Solution

1 | Before You Begin

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

Dell Software License Agreement

- Before using your system, please read the Dell Software License Agreement that came with the system.
- 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 terms of the agreement, 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** and select your country or region from the bottom of the page.

Documentation

For documentation and information updates, see **support.dell.com/manuals**.

Verifying Package Contents

Verify that all components listed on your packing slip are available. Save all documentation and accessories.

Installing the System in a Rack

This system requires a properly grounded electrical outlet, a compatible rack, and a rack installation kit.
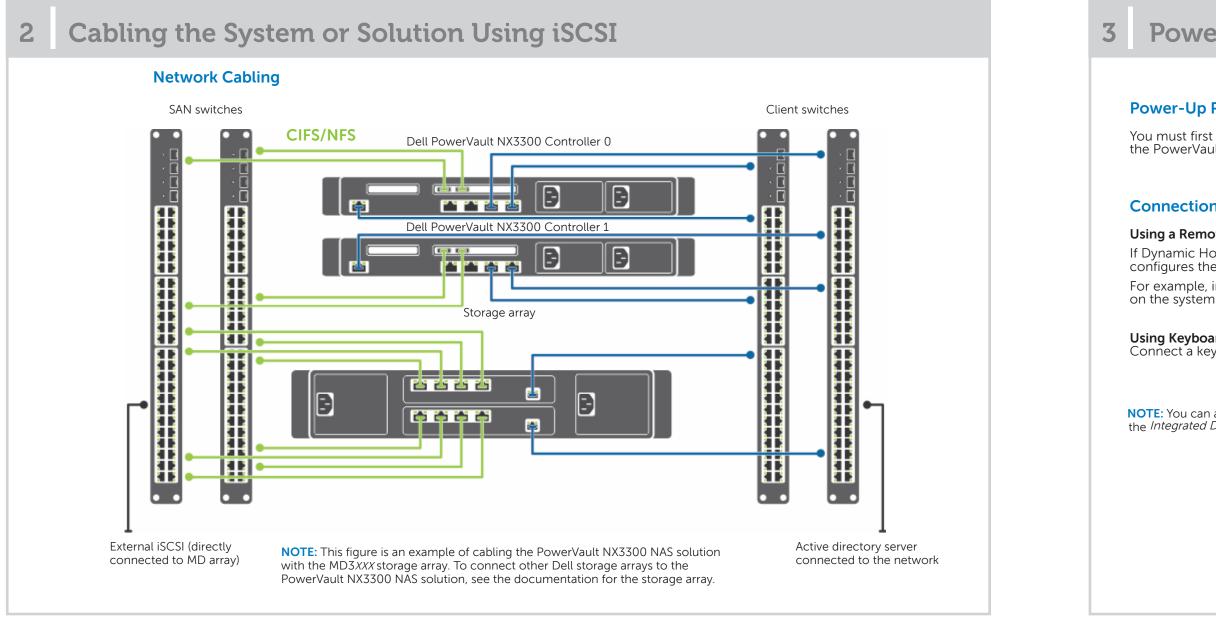
Locating Your System Service Tag

- Your system is identified by a unique Express Service Code and Service Tag number. The Express Service Code and Service Tag are found on the front of the system by pulling out the information tag.
- This information is used by Dell to route support calls to the appropriate personnel.

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

Default Password

The default password for the network-attached storage (NAS) system is **Stor@ge!**

Default System Name

Your system is configured with a default system name of $D<ServiceTag>$ where *<ServiceTag>* is the Service Tag number located on the system.

WWW.DELL.COM
Service Tag: XXXXXXXXX
Express Service Code: XXX-XXX-XX

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

2 | Cabling the System or Solution Using iSCSI

Network Cabling

SAN switches

CIFS/NFS

Dell PowerVault NX3300 Controller 0

Dell PowerVault NX3300 Controller 1

Storage array

Client switches

External iSCSI (directly connected to MD array)

NOTE: This figure is an example of cabling the PowerVault NX3300 NAS solution with the MD3*XXX* storage array. To connect other Dell storage arrays to the PowerVault NX3300 NAS solution, see the documentation for the storage array.

Active directory server connected to the network

3 | Powering-Up and Connecting Your NAS Solution

Power-Up Procedure

You must first turn on the storage arrays and additional expansion enclosure(s), if any. After the storage arrays and enclosure(s) are initialized, turn on the PowerVault NX3300 NAS solution.

Connection Procedure
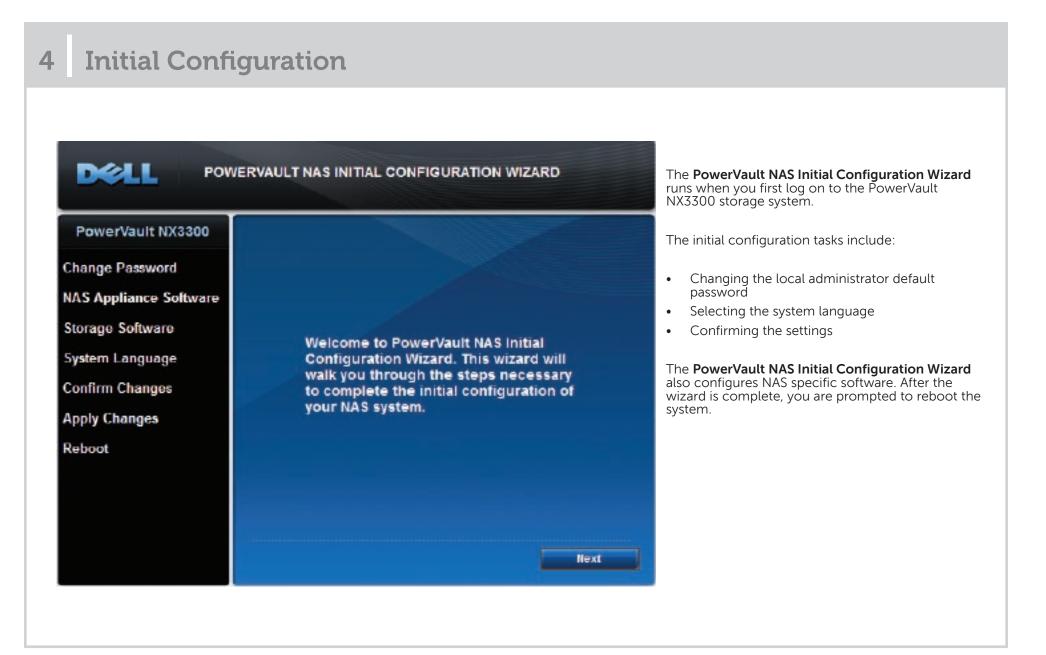
Using a Remote Desktop

If Dynamic Host Configuration Protocol (DHCP) and Domain Name System (DNS) are implemented on your network, your system automatically configures the network settings. You can launch Remote Desktop from a client and remotely access the NAS system using the default system name.

For example, in the **Remote Desktop Connection** window, type $D<ServiceTag>$, where *<ServiceTag>* is the Service Tag number located on the system.

Using Keyboard, Video, and Mouse

Connect a keyboard, monitor, and mouse directly to the NAS system for local administration.

NOTE: You can also use the optional iDRAC interface for remote administration. For information about initial setup, configuring iDRAC, and console redirection, see the *Integrated Dell Remote Access Controller 7 User's Guide* at **supportdell.com/manuals**.

4 | Initial Configuration

The **PowerVault NAS Initial Configuration Wizard** runs when you first log on to the PowerVault NX3300 storage system.

The initial configuration tasks include:

- Changing the local administrator default password
- Selecting the system language
- Confirming the settings

The **PowerVault NAS Initial Configuration Wizard** also configures NAS specific software. After the wizard is complete, you are prompted to reboot the system.

5 | System Configuration

The **Server Manager** window opens when the administrator logs on to the system. Using **Server Manager**, you can perform the following tasks:

- Initial system configuration
- Configure networking
- Change the computer name
- Specify the language and regional settings
- Change the date and time settings

6 | Additional Information

Utility Share

Utility share is a Server Message Block (SMB) share preconfigured on your system. The utility share allows you to view data either locally or remotely. To access the utility share, type `\\D<ServiceTag>\NASUtils\` where *<ServiceTag>* is the Service Tag number located on the system.

Documentation

For documentation and information updates, see **support.dell.com/manuals**.

Dell OpenManage Server Administrator

You can monitor your system remotely using **Dell Open Manage Server Administrator**. To access **Server Administrator**, connect to the secure port, 1311, of your NAS system.

For example, type: `https://D<ServiceTag>:1311` where *<ServiceTag>* is the Service Tag number located on the system.

Printed in the U.S.A.

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2012 - 06