Setting Up Your Dell DR4100 System

1 | Before You Begin

⚠ **WARNING: Before you set up and operate your Dell system, review the safety instructions that came with your system.**
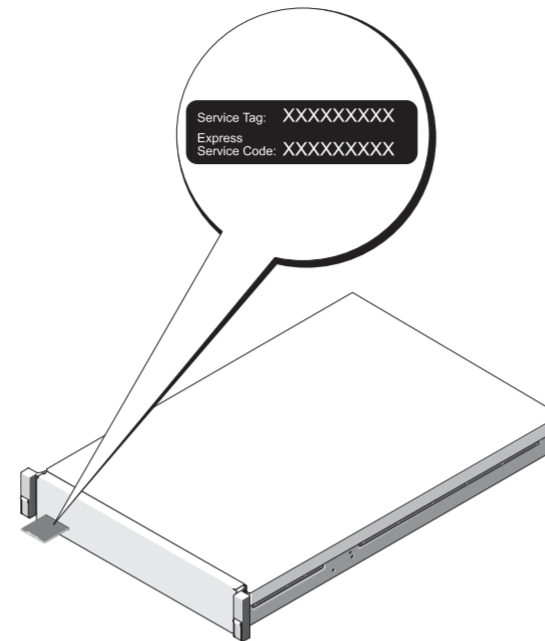
Dell Software License Agreement

- Before using your system, read the Dell Software License Agreement that came with your system.
- If you do not accept the terms of the 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, visit **dell.com/contactdell**.
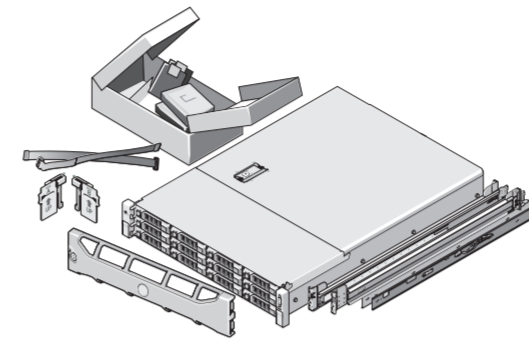
Locating Your System Service Tag

- 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. Pull out the information tag 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.

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

Service Tag: XXXXXXXXX
Express Service Code: XXXXXXXXX

Verifying Your Solution

Dell DR4100 includes:
- System bezel
- Power cords (2)
- Power cord retention straps (2)
- Mounting rails (2)
- Cable management arm (optional)
- User documentation

2 | Preinstallation Requirements

- An active network with available Ethernet cables and connections.
- If the system has a 1 GbE NIC, connect all NIC ports on the NIC daughter card. If the system has a 10 GbE NIC, connect the 10 GbE ports on the NIC daughter card. If the system has both 10 GbE and 1 GbE NIC's then by default the 1 GbE NIC will be disabled. If you want to modify the default setting, see *Dell DR Series System Command Line Reference Guide*.

  NOTE: Use CAT6a copper cables with a 10 GbE NIC. If you have an enhanced small form-factor pluggable (SFP+) NIC, use an Optical SFP+ or Twinax cabling.

- Network values required are IP addressing, Network Mask, Default Gateway, DNS Suffix, Primary (and Optional) DNS server, and Host Name. If DHCP is selected, these values are populated based on your DHCP configuration. If DHCP is not selected, the values must be manually configured.

  NOTE: It is recommended for you to use static IP.

- Default values for the DR4100 are:
  - Default Static System IP: 10.77.88.99

    NOTE: Default static system IP is used only when there is no DHCP server. The default IP can be used to configure the system using a point to point NIC connection.
  - Subnet mask IP: 255.0.0.0
  - Default iDRAC IP: 192.168.0.120

    NOTE: For iDRAC connection, the login name is **root** and password is **calvin**.
- On the first boot, you must set up the network and the host name for the Dell DR4100 system.
- When you set up the system for the first time, connect the Dell DR4100 system to a keyboard and monitor. After the operating system and network are configured, the system can be managed using a remote browser interface.
- To set up the Dell DR4100 system, use an account with administrator privileges.

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 | Installing the Dell DR4100 Hardware and Configuring the Network

1. Install the Rails for the Dell DR4100 System

For information about installing the rails for the Dell DR4100 system, see the *Rack Installation Instructions* that shipped with the rail kit.

2. Install the Rails for the Dell MD1200 Expansion Units (Optional)

For information about installing the rails for the Dell MD1200 system, see the *Rack Installation Instructions* that shipped with the rail kit.

3. Rack the Dell DR4100 System

For information about setting up the Dell DR4100 system, see the *Dell DR4100 Systems Getting Started Guide* that shipped with the system.

4. Install the Cable Management Arm (CMA) (Optional)

For information about installing the CMA, see the *CMA Installation Instructions* that shipped with the CMA kit.

5. Cabling Your MD1200 Expansion Enclosure (Optional)

For information about cabling the Dell DR4100 system with your MD1200 expansion shelves, see Expansion Shelf Cabling in the *Dell DR Series System Administrator Guide*.

6. Power on Your MD1200 Expansion Enclosure (Optional) and DR4100

NOTE: If you are using the MD1200 Expansion Enclosure, ensure that you power on MD1200 Expansion Enclosure before powering on the DR4100.

7. Log On to the System

The default user name is **administrator** and the default password is **St0r@ge!**

NOTE: You can log on to the DR console directly using KVM or iDrac Virtual Console.

8. Configure the Network

The **Initial System Configuration Wizard** prompts you to configure the system, when you log on for the first time. To configure the network:

a. Type `yes` and press <Enter>.

b. Choose either DHCP or static IP addressing.

To select DHCP, type `Yes` at `Would you like to use DHCP` and press <Enter>. To select static IP addressing, type `no` and press <Enter>.

If you choose static IP addressing, you will be prompted to enter the static IP address. Enter the static IP address and press <Enter>.

For static IP address, enter a subnet mask, a default gateway address, a DNS suffix, and a primary DNS address.

You are also asked if you want to configure a secondary DNS address.

The **Initial System Configuration Wizard** displays a confirmation screen with all the values you entered in this step.

c. To change the default host name, type `Yes` and press <Enter>.

NOTE: The default host name is *DR4100-<Service Tag>*.

The **Initial System Configuration Wizard** displays a screen with the selected interface, IP address choice, host name for the Dell DR4100 system, and the values you set during step b on configuring the network.

d. To accept the settings, type `Yes` and press <Enter>.

You have now completed your hardware and basic network configuration. For more information about setting up your system, see the *Dell DR Series System Administrator Guide*.

4 | Additional Information

Important Updates

NOTE: After you complete setting up the Dell DR4100 system, navigate to **dell.com/support**, enter your system service tag, and select **Get Drivers** for any software updates. Apply the updates before using the system for the first time.

- To update the system software, download the **DR4100 Upgrade Manager File** from **dell.com/support/downloads** and apply the upgrade using the web console or CLI.
- To reinstall the system, download the **Dell DR4100 Restore Manager** from **dell.com/support/downloads**.

  NOTE: For information about upgrading the DR Series system software and restore manager, see the *Dell DR Series System Administrator Guide*.

Documentation

The following documents are available for you at **dell.com/powervaultmanuals**:

- The *Getting Started Guide* also shipped with your system provides an overview of setting up your system, and technical specifications.
- The rack documentation included with your rack solution describes how to install your system into a rack, if required.
- The *Dell DR Series System Administrator Guide* helps you manage your DR4100 solution.
- The *Dell DR Series System Command Line Reference Guide* gives you a comprehensive list of all commands to run your DR4100 solution.
- The *Dell DR Series System Interoperability Guide* provides information about the supported hardware and software versions for Dell DR Series systems.
- For hardware issues, see the *Dell DR4100 Systems Owner's Manual*.
- For issues and resolutions for your Dell DR Series system, see the *Dell DR Series System Release Notes*.
- For the full name of an abbreviation or acronym used in this document, see the *Glossary*.
- Technical whitepapers about the Dell DR Series are also available.

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