1. Before You Begin

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

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 NICs, then by default the 1 GbE NIC will be disabled. If you want to modify the default setting, see the Dell DR Series System Command Line Reference Guide.

NOTE: Use CAT5e copper cables with a 2 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, Netmask, 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: 10.77.78.99
  - Subnet Mask IP: 255.255.0.0
  - 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.

3. Installing the Dell DR4100 Hardware and Configuring the Network

Always read the updates first because they often supersede information in other documents.

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 Administration Guide.

Documentation

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

- The Getting Started Guide also shipped with your system provides an overview of setting up your system, and technical specifications.
- The next 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 DR Series Systems Owner’s Manual.
- For issues and resolutions for your Dell DR Series system, see the Dell DR Series System Released 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.

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

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

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

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

a. Type yes and press <Enter>.

b. Choose either DHCP or static IP addressing.

To select DHCP, type yes at if 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>.
- If you choose static IP addressing, enter the subnet mask, a default gateway address, DNS suffix, and primary DNS address.

You are 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.

- 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 5 on configuring the network.

- 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.